

GENERAL TECHNOLOGIES, SPC

Phone: 816-590-9641/Fax: 253-663-9333

Web: <http://gtspc.com/activatedcarbon/>

PJ-8x30

GRANULAR ACTIVATED CARBON

PJ-8x30 is a virgin activated carbon derived from bituminous coal. Granular in form, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and surface area make it particularly attractive for use with potable water while its size makes it appealing where low pressure drop is needed.

Specifications

Mesh size - 8x30, %:	90(min)
Less than No. 8, %:	5(max)
Greater than No. 30, %:	5(max)
Iodine Number, mg/g:	1000(min)
Surface Area, m ² /g:	1000(min)
Hardness, %:	90(min)
Abrasion Number:	80(min)
Moisture, % (as packaged):	5.0(max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.43-0.48

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-8x30WW

WATER-WASHED GRANULAR ACTIVATED CARBON

PJ-8x30WW is a virgin activated carbon derived from bituminous coal. Granular in form, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and surface area make it particularly attractive for use with potable water while its size makes it appealing where low pressure drop is needed. The product is washed with potable-quality water, and then dried prior to packaging to reduce fines, floating matters, and water-soluble ash.

Specifications

Mesh size - 8x30, %:	90(min)
Less than No. 8, %:	5(max)
Greater than No. 30, %:	5(max)
Iodine Number, mg/g:	1000(min)
Surface Area, m ² /g:	1000(min)
Hardness, %:	90(min)
Abrasion Number:	80(min)
Floater, %	2(max)
Water-Soluble Ash, %	0.25(max)
Total Ash Content, %	12(max)
Moisture, % (as packaged):	5.0(max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.43-0.48

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-8X30AW

ACID WASHED GRANULAR ACTIVATED CARBON

PJ-8x30AW is a virgin acid washed activated carbon which is granular in form. Made from the finest grades of bituminous coal and then acid washed, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and low level of impurities make it cleaner than most other carbons and gives it longer life expectancy.

Specifications

Mesh Size – 8x30, %:	90 (min)
Less than No. 8, %:	5 (max)
Greater than No. 30, %:	5 (max)
Iodine No., mg/g:	1000 (min)
Surface Area, m ² /g:	1000 (min)
Hardness, %:	90 (min)
Ash Content, %:	8.0 (max)
Abrasion No.:	78 (min)
Moisture Content, % (as packaged):	5.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.45-0.50
pH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-8X30AW(Low Iron)

ACID WASHED GRANULAR ACTIVATED CARBON

PJ-8x30AW (Low Iron) is a virgin acid washed activated carbon which is granular in form. Made from the finest grades of bituminous coal and then acid washed, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and low level of impurities make it cleaner than most other carbons and gives it longer life expectancy. Its treatment with extensive acid and water wash results in very low iron and soluble ash contents, that are required for decoloration and odor and taste removal applications such as for the sugar industry.

Specifications

Mesh Size – 8x30, %:	90 (min)
Less than No. 8, %:	5 (max)
Greater than No. 30, %:	5 (max)
Iodine No., mg/g:	1000 (min)
Methylene Blue, mg/g:	180 (min)
Molasses No.:	210 (min)
Hardness, %:	90 (min)
Total Ash Content, %:	8.0 (max)
Acid Soluble Ash Content, %:	0.5 (max)
Acid Soluble Iron Content, %:	0.04 (max) (<0.01% achievable)
Abrasion No.:	78 (min)
Moisture Content, % (as packaged):	3.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.45-0.50
pH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-8x30AW-HG

ACID WASHED GRANULAR ACTIVATED CARBON

PJ09-8x30AW-HG is a premium grade virgin acid washed activated carbon which is granular in form. Made from the finest grades of bituminous coal, with the highest degree of activation to create ideal pore size characteristics, and then acid washed to remove fines and impurities, it is ideal for many liquid phase applications including the removal of organics, color and taste from water streams. Its superior adsorptive capacity and low level of impurities make it cleaner than most other carbons and gives it longer life expectancy.

Specifications

Mesh Size - 8x30, %:	90 (min)
Less than No. 8, %:	5 (max)
Greater than No. 30, %:	5 (max)
Iodine No., mg/g:	1050 (min)
Methylene Blue, mg/g:	230 (min)
Molasses No.:	230 (min)
Hardness, %:	90 (min)
Total Ash Content, %:	8.0 (max)
Acid Soluble Ash Content, %:	0.4 (max)
Acid Soluble Iron Content, %:	0.01 (max)
Abrasion No.:	78 (min)
Moisture Content, % (as packaged):	3.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.45-0.50
PH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-8x30CS

GRANULAR ACTIVATED CARBON FROM COCONUT SHELL

PJ-8x30CS is a virgin activated carbon which is granular in form. Made from selected grades of coconut shell, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior level of hardness makes it cleaner than most other carbons and gives it longer life expectancy.

Specifications

Mesh size - 8x30, %:	90(min)
Less than No. 8, %:	5(max)
Greater than No. 30, %:	5(max)
Iodine Number, mg/g:	1200(min)
Surface Area, m ² /g:	1200(min)
Hardness, %:	98(min)
Ash Total, %:	4.0(max)
Moisture, % (as packaged):	5.0(max)
Typical Density, lbs./cu.ft.:	29-33
g/cc:	0.46-0.53

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-12x40CS

GRANULAR ACTIVATED CARBON FROM COCONUT SHELL

PJ-12x40CS is a virgin activated carbon which is granular in form. Made from selected grades of coconut shell, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior level of hardness makes it cleaner than most other carbons and gives it longer life expectancy.

Specifications

Mesh size - 12x40, %:	90(min)
Less than No. 12, %:	5(max)
Greater than No. 40, %:	5(max)
Iodine Number, mg/g:	1200(min)
Surface Area, m ² /g:	1200(min)
Hardness, %:	98(min)
Ash Total, %:	4.0(max)
Moisture, % (as packaged):	5.0(max)
Typical Density, lbs./cu.ft.:	29-33
g/cc:	0.46-0.53

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ09-12x40

GRANULAR ACTIVATED CARBON

PJ09-12x40 is a virgin activated carbon which is granular in form. Made from the finest grades of bituminous coal, it is ideal for many liquid phase applications including the removal of organics from water streams and the purification of potable water.

Specifications

Mesh size - 12x40, %:	90(min)
Less than No. 12, %:	5(max)
Greater than No. 40, %:	5(max)
Iodine Number, mg/g:	1000(min)
Surface Area, m ² /g:	1000(min)
Hardness, %:	90(min)
Abrasion No.:	80(min)
Moisture, % (as packaged):	5.0(max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.43-0.48

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-12x40WW

WATER-WASHED GRANULAR ACTIVATED CARBON

PJ-12x40WW is a virgin activated carbon derived from bituminous coal. Granular in form, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and surface area make it particularly attractive for use with potable water while its size makes it appealing where low pressure drop is needed. The product is washed with potable-quality water, and then dried prior to packaging to reduce fines, floating matters, and water-soluble ash.

Specifications

Mesh size - 12x40, %:	90(min)
Less than No. 12, %:	5(max)
Greater than No. 40, %:	5(max)
Iodine Number, mg/g:	1000(min)
Surface Area, m ² /g:	1000(min)
Hardness, %:	90(min)
Abrasion Number:	80(min)
Floater, %	2(max)
Water-Soluble Ash, %	0.25(max)
Total Ash Content, %	12(max)
Moisture, % (as packaged):	5.0(max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.43-0.48

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-12x40CWW

WATER-WASHED GRANULAR ACTIVATED CARBON

PJ-12x40CWW is a virgin activated carbon derived from bituminous coal. Granular in form, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and surface area make it particularly attractive for use with potable water while its size makes it appealing where low pressure drop is needed. The product is washed with potable-quality water, and then dried prior to packaging to reduce fines, floating matters, and water-soluble ash.

Specifications

Mesh size - 12x40, %:	90(min)
Less than No. 12, %:	5(max)
Greater than No. 40, %:	5(max)
Iodine Number, mg/g:	900(min)
Surface Area, m ² /g:	900(min)
Hardness, %:	90(min)
Abrasion Number:	80(min)
Floater, %	2(max)
Water-Soluble Ash, %	0.25(max)
Total Ash Content, %	12(max)
Moisture, % (as packaged):	5.0(max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.43-0.48

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ09-12x40AW

ACID WASHED GRANULAR ACTIVATED CARBON

PJ09-12x40AW is a virgin acid washed activated carbon which is granular in form. Made from the finest grades of bituminous coal and then acid washed, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and low level of impurities make it cleaner than most other carbons and gives it longer life expectancy.

Specifications

Mesh Size - 12x40, %:	90 (min)
Less than No. 12, %:	5 (max)
Greater than No. 40, %:	5 (max)
Iodine No., mg/g:	1000 (min)
Surface Area, m ² /g:	1000 (min)
Hardness, %:	90 (min)
Ash Content, %:	8.0 (max)
Abrasion No.:	78 (min)
Moisture Content, % (as packaged):	5.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.45-0.50
pH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ-20x50AW

ACID WASHED GRANULAR ACTIVATED CARBON

PJ09-20x50AW is a virgin acid washed activated carbon which is granular in form. Made from the finest grades of bituminous coal and then acid washed, it is ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and low level of impurities make it cleaner than most other carbons and gives it longer life expectancy. The smaller particle size of this product improves the adsorption kinetics of the process to removing impurities from water.

Specifications

Mesh Size - 20x50, %:	90 (min)
Less than No. 20, %:	5 (max)
Greater than No. 50, %:	5 (max)
Iodine No., mg/g:	1000 (min)
Surface Area, m ² /g:	1000 (min)
Hardness, %:	90 (min)
Ash Content, %:	8.0 (max)
Abrasion No.:	78 (min)
Moisture Content, % (as packaged):	5.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.45-0.50
pH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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PJ09-12x40AW(Low Iron)

ACID WASHED GRANULAR ACTIVATED CARBON

PJ09-12x40AW (Low Iron) is a virgin acid washed activated carbon which is granular in form. Made from the finest grades of bituminous coal and then acid washed, it is ideal for many liquid phase applications including the removal of organics, color and taste from water streams. Its superior adsorptive capacity and low level of impurities make it cleaner than most other carbons and gives it longer life expectancy. Its treatment with extensive acid and water wash results in very low iron and soluble ash contents, that are required for decoloration and odor and taste removal applications such as for the sugar industry.

Specifications

Mesh Size - 12x40, %:	90 (min)
Less than No. 12, %:	5 (max)
Greater than No. 40, %:	5 (max)
Iodine No., mg/g:	1000 (min)
Methylene Blue, mg/g:	180 (min)
Molasses No.:	210 (min)
Hardness, %:	90 (min)
Total Ash Content, %:	8.0 (max)
Acid Soluble Ash Content, %:	0.5 (max)
Acid Soluble Iron Content, %:	0.04 (max) (<0.01% achievable)
Abrasion No.:	78 (min)
Moisture Content, % (as packaged):	3.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.45-0.50
pH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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Web: <http://gtspc.com/activatedcarbon/>

PJ09-12x40AW-HG

ACID WASHED GRANULAR ACTIVATED CARBON

PJ09-12x40AW-HG is a premium grade virgin acid washed activated carbon which is granular in form. Made from the finest grades of bituminous coal, with the highest degree of activation to create ideal pore size characteristics, and then acid washed to remove fines and impurities, it is ideal for many liquid phase applications including the removal of organics, color and taste from water streams. Its superior adsorptive capacity and low level of impurities make it cleaner than most other carbons and gives it longer life expectancy.

Specifications

Mesh Size - 12x40, %:	90 (min)
Less than No. 12, %:	5 (max)
Greater than No. 40, %:	5 (max)
Iodine No., mg/g:	1050 (min)
Methylene Blue, mg/g:	230 (min)
Molasses No.:	230 (min)
Hardness, %:	90 (min)
Total Ash Content, %:	8.0 (max)
Acid Soluble Ash Content, %:	0.4 (max)
Acid Soluble Iron Content, %:	0.01 (max)
Abrasion No.:	78 (min)
Moisture Content, % (as packaged):	3.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.45-0.50
PH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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BG-4x8 (6x12,8x20,8x30,12x40)

BRIQUETTED (RE-AGGLOMERATED) GRANULAR ACTIVATED CARBON

BG series is a briquetted (re-agglomerated) virgin activated carbon which is granular in the final product form. Made from strictly selected coals of different mineralization degrees by scientific formulation, the product is processed through several steps including super-fine pulverization, high-pressure briquetting, carbonization and activation, granulation, etc. The product has a very large specific surface area, and an excellent controllability on the distribution of micropores, mesopores, and macropores. It is the highest-grade activated carbon product for many liquid phase (as well as vapor phase) applications including the removal of organics, odor, taste and color from water streams. It also has superior residual hardness after multiple reactivation compared to standard granular activated carbon products.

Specifications

Particle Size, 90% with specified range (mesh):	4x8, 6x12, 8x20, 8x30 and 12x40 available
Iodine No., mg/g:	900 – 1050
CTC, mg/g:	60 - 70
Hardness, %:	85 (min)
Total Ash Content, %:	12.0 (max)
Moisture Content, % (as packaged):	3.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.40-0.50
PH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request. Customer to specify more exact specifications. Standard product has an iodine number of > 950 mg/g.

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BG-8x30C

BRIQUETTED (RE-AGGLOMERATED) GRANULAR ACTIVATED CARBON

BG series is a briquetted (re-agglomerated) virgin activated carbon which is granular in the final product form. Made from strictly selected coals of different mineralization degrees by scientific formulation, the product is processed through several steps including super-fine pulverization, high-pressure briquetting, carbonization and activation, granulation, etc. The product has a very large specific surface area, and an excellent controllability on the distribution of micropores, mesopores, and macropores. It is the highest-grade activated carbon product for many liquid phase (as well as vapor phase) applications including the removal of organics, odor, taste and color from water streams. It also has superior residual hardness after multiple reactivation compared to standard granular activated carbon products.

Specifications

Particle Size, 90% with specified range (mesh):	8x30
Iodine No., mg/g:	900 (min)
CTC, mg/g:	60 (min)
Hardness, %:	85 (min)
Total Ash Content, %:	12.0 (max)
Moisture Content, % (as packaged):	3.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.40-0.50
PH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request. Customer to specify more exact specifications.

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ZPJ-8x30C

CRUSHED-PELLETS (RE-AGGLOMERATED) GRANULAR ACTIVATED CARBON

ZPJ series is a re-agglomerated (crushed pellets) virgin activated carbon which is granular in the final product form. Made from strictly selected coals of different mineralization degrees by scientific formulation, the product is processed through several steps including super-fine pulverization, high-pressure briquetting, carbonization and activation, granulation, etc. The product has a very large specific surface area, and an excellent controllability on the distribution of micropores, mesopores, and macropores. It is the highest-grade activated carbon product for many liquid phase (as well as vapor phase) applications including the removal of organics, odor, taste and color from water streams. It also has superior residual hardness after multiple reactivation compared to standard granular activated carbon products.

Specifications

Particle Size, 90% with specified range (mesh):	8x30
Iodine No., mg/g:	900 (min)
CTC, mg/g:	60 (min)
Hardness, %:	90 (min)
Total Ash Content, %:	12.0 (max)
Moisture Content, % (as packaged):	3.0 (max)
Typical Density, lbs./cu.ft.:	27-30
g/cc:	0.40-0.50
PH:	6.5-8 (avg)

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request. Customer to specify more exact specifications.

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FJ-045(PC900)

POWDERED ACTIVATED CARBON

FJ-045 Powdered Activated Carbon is a virgin carbon. Derived from selected grades of bituminous coal, its high activity and surface area make it ideal for many purification applications including the treatment of potable water and the removal of taste, odor and organic contaminants. It meets the requirements of AWWA B600-90, and is NSF Certified.

Specifications

Mesh size, (US Sieve):	
-100 mesh, %:	99(min)
-200 mesh, %:	95(min)
-300 mesh, %:	90(min)
Iodine Number, mg/g:	900(min)
Surface Area, m ² /g:	900(min)
Moisture, % (as packaged):	5(max)
Typical Density, lbs./cu.ft.:	33-35
g/cc:	0.54-0.56

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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FJ-045(PC600 and PC800)

POWDERED ACTIVATED CARBON

FJ-045 Powdered Activated Carbon is a virgin carbon. Derived from selected grades of bituminous coal, its high activity and surface area make it ideal for many purification applications including the treatment of potable water and the removal of taste, odor and organic contaminants. It meets the requirements of AWWA B600-90, and is NSF Certified.

Specifications

Mesh size, (US Sieve):	
-100 mesh, %:	99(min)
-200 mesh, %:	95(min)
-300 mesh, %:	90(min)
Iodine Number (PC800), mg/g:	800(min)
Iodine Number (PC600), mg/g:	600(min)
Moisture, % (as packaged):	5(max)
Typical Density, lbs./cu.ft.:	31-34
g/cc:	0.50-0.54

*Standard packaging is in 50 lb. bags. Other packaging is available upon request.

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FJ-074(PC600 and PC800)

POWDERED ACTIVATED CARBON

FJ-074 Powdered Activated Carbon is a virgin carbon. Derived from selected grades of bituminous coal, its high activity and surface area make it ideal for many purification applications including the treatment of potable water and the removal of taste, odor and organic contaminants. It meets the requirements of AWWA B600-90, and is NSF Certified.

Specifications

Mesh size, (US Sieve):	
-100 mesh, %:	95(min)
-200 mesh, %:	90(min)
-300 mesh, %:	80(min)
Iodine Number (PC800), mg/g:	800(min)
Iodine Number (PC600), mg/g:	600(min)
Moisture, % (as packaged):	5(max)
Typical Density, lbs./cu.ft.:	33-35
g/cc:	0.54-0.56

*Standard packaging is in 50 lb. bags. Other packaging is available upon request.

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FJ-HG1

POWDERED ACTIVATED CARBON

FJ-HG1 Powdered Activated Carbon is a premium grade virgin carbon. Derived from selected grades of bituminous and/or lignite coals, with special processing procedures. Its ultra high activity and surface area make it ideal for many purification applications including the treatment of potable water and the removal of taste, odor and organic contaminants. It meets the requirements of AWWA B600-90, and is NSF certified.

Specifications

Mesh size, (US Sieve):	
-100 mesh, %:	99(min)
-200 mesh, %:	95(min)
-300 mesh, %:	90(min)
Iodine Number, mg/g:	1050(min)
Surface Area, m ² /g:	1000(min)
Moisture, % (as packaged):	5(max)
Typical Density, lbs./cu.ft.:	33-35
g/cc:	0.54-0.56

*Standard packaging is in 55 lb. vinyl bags. Other packaging is available upon request.

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FJ-045(PC800-HCL)

POWDERED ACTIVATED CARBON

FJ-045 Powdered Activated Carbon is a virgin carbon. Derived from selected grades of bituminous coal, its high activity and surface area make it ideal for high-loading applications of contaminant removal. The product is surface treated with HCl (hydrogen chloride) for enhanced mercury removal in flue gas applications.

Specifications

Mesh size, (US Sieve):	
-100 mesh, %:	99(min)
-200 mesh, %:	95(min)
-300 mesh, %:	90(min)
Iodine Number, mg/g:	800(min)
Moisture, % (as packaged):	5(max)
HCl content, %:	<0.3%
pH,	3 - 5
Typical Density, lbs./cu.ft.:	33-35
g/cc:	0.54-0.56

*Standard packaging is in 50 lb. bags. Other packaging is available upon request.

GENERAL TECHNOLOGIES, SPC

Phone: 816-590-9641/Fax: 253-663-9333

Web: <http://gtspc.com/activatedcarbon/>

WAC-A AND WAC-B

POWDERED ACTIVATED CARBON FROM WOOD FOR PURIFICATION AND DECOLORIZATION

WAC-A and **WAC-B** are virgin Powdered Activated Carbons. Derived from selected grades of hardwood, their high adsorptive characteristics make them suitable for many applications. Their pore structures make them particularly effective for the purification of sugar products and the removal of color bodies.

Specifications

	<u>WAC-A</u>	<u>WAC-B</u>
Methylene Blue Decolorizing, ml/g:	190(min)	180(min)
Iodine Number, mg/g:	1100(min)	1070(min)
pH:	6-7	5-6
Ash Content, %:	4-6	4-6
Moisture Content, %:	10-20	10-20
Fe, %:	0.08-0.1	0.07-0.1
Cl, %:	0.1(max)	0.1(max)

*Standard packaging is in 20 kg. kraft bags. Other packaging is available upon request.

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WAC-C

POWDERED ACTIVATED CARBON FROM WOOD FOR PURIFICATION AND DECOLORIZATION

WAC-C is a virgin Powdered Activated Carbon. Derived from selected grades of hardwood, their high adsorptive characteristics make them suitable for many applications. Their pore structures make them particularly effective for the purification of sugar products and the removal of color and taste compounds.

Specifications

	<u>WAC-C</u>
Methylene Blue Decolorizing, ml/g:	135(min)
Iodine Number, mg/g:	900(min)
pH:	6-7
Ash Content, %:	4-6
Moisture Content, %:	10-20
Fe, %:	0.08-0.1
Cl, %:	0.1(max)

*Standard packaging is in 20 kg. kraft bags. Other packaging is available upon request.

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WAC-I

POWDERED ACTIVATED CARBON FROM WOOD FOR PURIFICATION AND DECOLORIZATION

WAC-I is a virgin Powdered Activated Carbon. Derived from selected grades of hardwood, their high adsorptive characteristics make them suitable for many applications. Their pore structures and high surface area make them particularly effective for the purification of sugar products and the removal of color and taste compounds.

Specifications

WAC-I

Molasses Decolorizing Index, ml/g:	14(min)
Iodine Number, mg/g:	900(min)
Surface Area, m ² /g	1500(min)
pH:	4-7
Total Ash Content, %:	4-6
Soluble Ash Content, %	1-3
Moisture Content, %:	10(max)
Apparent Density, kg/l	0.30 – 0.33
Fe, %:	0.08-0.1
Cl, %:	0.1(max)
Mesh size, (US Sieve):	
-100 mesh, %:	95(min)
-200 mesh, %:	90(min)
-300 mesh, %:	80(min)

*Standard packaging is in 20 kg. kraft bags. Other packaging is available upon request.