



Technical Data

6900SS- Shovel, Large Blade, D-Grip, Safety, 41", PP, Green/Black

FDA compliant raw material (CFR21)

No

Material¹

Polypropylene Copolymer 98%

FDA Green 2%: GY-41486-A

All pigments are Heavy Metal Free (HMF) and Hexavalent Chromium pigment free

Black EVA Concentrate: CCEVCB50BK1

Components	RP6875SS, RP6873SS
Color	Green/Black
Overall Length	41"
Blade Length	18"
Blade Width	13.25"
Box Quantity ²	1
Box Length	29"
Box Height	8"
Box Width	15"
Gross Weight	4 lbs.
Unit Weight	3.6 lbs.
Country of Origin	US
Max cleaning temperature	212°F
Min. usage temperature	-22°F

New Equipment should be cleaned, disinfected and sterilized, and stored properly as appropriate to its intended use.

¹ See attached documents for details. The information given is based on data received of others and is presented with every belief in its accuracy.

² Single packed box dimensions may vary

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Bapolene® PP5052

Polypropylene Copolymer
Bamberger Polymers, Inc.



Prospector

Product Description

Polypropylene injection impact copolymer with excellent color and processability. This resin also has a superior balance of stiffness and impact strength. This product meets FDA standards for food contact applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America • South America
Features	• Copolymer • Food Contact Acceptable • Good Colorability	• Good Impact Resistance • Good Processability • Good Stiffness	• Good Strength
Uses	• Appliances	• Battery Cases	• Household Goods
Agency Ratings	• FDA Food Contact, Unspecified Rating		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.903 g/cm ³	0.903 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 g/10 min	8.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	3900 psi	26.9 MPa	ASTM D638
Tensile Elongation ²			ASTM D638
Yield	14 %	14 %	
Break	160 %	160 %	
Flexural Modulus - 1% Secant	175000 psi	1210 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.19 ft-lb/in	117 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	82	82	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 psi (0.45 MPa), Unannealed	183 °F	83.9 °C	ASTM D648

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min (51 mm/min)





767 Chapman Lake Drive - Warsaw, Indiana 46582

Product Data Sheet

Product: CCEVCB50BK1

Description: Black EVA Concentrate

Product Highlights:

*High load black concentrate
Formulated to impart uniform coverage
Excellent pigment dispersion*

Concentrate Data

	<u>Units</u>	<u>Value</u>	<u>Method</u>
Carrier Resin		EVA	
Pigment Loading	%	50.0	internal
Pigment Type		Furnace Black	
Pigment Particle Size	nm	<100	ASTM D3849
Pellet Weight	Pellets/gm	50	internal

Regulatory Data

This product is free of heavy metals.

The above information is believed to be accurate and reliable. Because conditions of use are beyond our control, we make no warranties, expressed or implied, and specifically exclude any and all warranties of merchantability and fitness for a particular purpose. This material is sold with the express understanding that our customers will conduct their own test to determine the suitability of the material for their particular application.

8/17/2007



Product Specification Sheet

September 8, 2014

Code Number:	GY-41486-A
Color:	FDA Green
Product:	Color concentrate containing antistat, organic and inorganic pigments. All pigments are Heavy Metal Free (HMF). They do not contain Lead, Mercury, Cadmium, or Hexavalent Chromium pigments.
Application Resin:	Polypropylene
Carrier Resin:	Polyethylene
Use Rate:	2%
Light Fastness:	5 - 6 (on scale of 1 - 8)
Heat Stability:	572°