

# SPI CPPFG18CBK

Polypropylene Impact Copolymer

Service Polymers, Inc.

Message:

SPI CPPFG18CBK is a Polypropylene Impact Copolymer (PP Impact Copolymer) product filled with 18% glass fiber. It is available in North America. Characteristics include:  
Flame Rated  
Chemically Coupled  
Copolymer

General Information			
Filler / Reinforcement	Glass Fiber,18% Filler by Weight		
Features	Chemically Coupled		
	Impact Copolymer		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.30 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3960 to 5170	MPa	ASTM D638
Tensile Strength (Yield)	51.7 to 65.5	MPa	ASTM D638
Tensile Elongation (Yield)	2.0 to 4.0	%	ASTM D638
Flexural Modulus	2930 to 3620	MPa	ASTM D790
Flexural Strength (Yield)	82.7 to 93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	53 to 91	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	9.0E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Test Method	
Flame Rating (3.00 mm)	HB	UL 94	
Injection	Nominal Value	Unit	
Dew Point	-17.8	°C	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	191 to 232	°C	
Mold Temperature	32.2 to 65.6	°C	

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