

ECOGRAN® PPCI F5 BLK

Polypropylene Copolymer

Eurocompound Polymers

Message:

ECOGRAN® PPCI F5 BLK is a Polypropylene Copolymer (PP Copolymer) material. It is available in Europe for injection molding. Primary attribute of ECOGRAN® PPCI F5 BLK: Copolymer.

Typical application of ECOGRAN® PPCI F5 BLK: Industrial Applications

General Information			
Features	Copolymer		
	Oxidation Resistant		
Uses	Industrial Applications		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.980 to 1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5 to 6.5	g/10 min	ISO 1133
Water Absorption (23°C, 24 hr)	< 0.20	%	Internal Method
Ash Content	11 to 15	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700 to 2500	MPa	ISO 527-2
Tensile Stress (Yield)	13.0 to 23.0	MPa	ISO 527-2
Tensile Strain (Yield)	1.0 to 4.0	%	ISO 527-2
Flexural Modulus	1400 to 2000	MPa	ISO 178
Flexural Stress	27.0 to 37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	1.5 to 3.5	kJ/m ²	ISO 179

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Recommended distributors for this material

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