

ECOGRAN® PP 50/50

Polypropylene

Eurocompound Polymers

Message:

ECOGRAN® PP 50/50 is a Polypropylene material. It is available in Europe for injection molding. Primary attribute of ECOGRAN® PP 50/50: Good Processability.

General Information			
Features	Good Processability		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960 to 1.04	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	7.0 to 11	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1250 to 2050	MPa	ISO 527-2
Tensile Stress (Break)	12.0 to 22.0	MPa	ISO 527-2
Tensile Strain (Break)	8.0 to 12	%	ISO 527-2
Flexural Modulus	700 to 1300	MPa	ISO 178
Flexural Stress	20.0 to 30.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	2.2 to 4.2	kJ/m ²	ISO 179

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Recommended distributors for this material

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