

ECOGRAN® PEHDI BLEU

High Density Polyethylene

Eurocompound Polymers

Message:

ECOGRAN® PEHDI BLEU is a High Density Polyethylene material. It is available in Europe for injection molding. Primary attribute of ECOGRAN® PEHDI BLEU: Chemical Resistant.

General Information			
Features	Good Chemical Resistance		
	Oxidation Resistant		
Appearance	Blue		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900 to 0.980	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5 to 7.5	g/10 min	ISO 1133
Water Absorption (23°C, 24 hr)	< 0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	715 to 795	MPa	ISO 527-2
Tensile Stress (Yield)	14.0 to 24.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	21 to 25	%	
Break	> 600	%	
Flexural Modulus	560 to 660	MPa	ISO 178
Flexural Stress	9.00 to 19.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	2.1 to 4.1	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	No Break		ISO 179

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Recommended distributors for this material

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