

ECOGRAN® PEHDI BLK

High Density Polyethylene

Eurocompound Polymers

Message:

ECOGRAN® PEHDI BLK is a High Density Polyethylene material. It is available in Europe for injection molding.

Important attributes of ECOGRAN® PEHDI BLK are:

Chemical Resistant

Impact Resistant

General Information			
Features	Good Chemical Resistance		
	Good Impact Resistance		
	Oxidation Resistant		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910 to 0.990	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0 to 7.0	g/10 min	ISO 1133
Water Absorption (23°C, 24 hr)	< 0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	700 to 1300	MPa	ISO 527-2
Tensile Stress (Yield)	13.0 to 23.0	MPa	ISO 527-2
Tensile Strain (Yield)	21 to 25	%	ISO 527-2
Flexural Modulus	650 to 750	MPa	ISO 178
Flexural Stress	16.0 to 26.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	1.7 to 3.7	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	No Break		ISO 179

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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