

ECOGRAN® PEHDE BLK

High Density Polyethylene

Eurocompound Polymers

Message:

ECOGRAN® PEHDE BLK is a High Density Polyethylene material. It is available in Europe for extrusion.

Important attributes of ECOGRAN® PEHDE BLK are:

Chemical Resistant

High ESCR (Stress Crack Resistant)

General Information			
Features	Good Chemical Resistance		
	High ESCR (Stress Crack Resist.)		
	Oxidation Resistant		
Appearance	Black		
Processing Method	Extrusion		
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)	0.20 to 0.80	g/10 min	ISO 1133
Water Absorption (23°C, 24 hr)	< 0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	380 to 460	MPa	ISO 527-2
Tensile Stress (Yield)	8.00 to 18.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	26 to 30	%	
Break	> 600	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	33 to 43	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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