

ECOGRAN® PEHDE Soufflage BLK

High Density Polyethylene

Eurocompound Polymers

Message:

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

Important attributes of ECOGRAN® PEHDE Soufflage BLK are:

Chemical Resistant

High ESCR (Stress Crack Resistant)

General Information			
Features	Good Chemical Resistance		
	High ESCR (Stress Crack Resist.)		
	Oxidation Resistant		
Appearance	Black		
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)	0.11 to 0.31	g/10 min	ISO 1133
Water Absorption (23°C, 24 hr)	< 0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	710 to 790	MPa	ISO 527-2
Tensile Stress (Yield)	16.0 to 26.0	MPa	ISO 527-2
Tensile Strain (Yield)	21 to 25	%	ISO 527-2
Flexural Modulus	505 to 565	MPa	ISO 178
Flexural Stress	10.0 to 20.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	16 to 20	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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