

# TECHNOGRAN® PEHDI SUV

High Density Polyethylene

Eurocompound Polymers

## Message:

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

Important attributes of TECHNOGRAN® PEHDI SUV are:

Good UV Resistance

UV Stabilized

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900 to 0.980	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5 to 6.5	g/10 min	ISO 1133
Water Absorption (23°C, 24 hr)	< 0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	750 to 1350	MPa	ISO 527-2
Tensile Stress (Yield)	16.0 to 26.0	MPa	ISO 527-2
Tensile Strain (Break)	> 500	%	ISO 527-2
Flexural Modulus	700 to 760	MPa	ISO 178
Flexural Stress	9.00 to 19.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.8 to 9.8	kJ/m <sup>2</sup>	ISO 179
Charpy Unnotched Impact Strength	No Break		ISO 179

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## Recommended distributors for this material

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