Hifax TRS 784D

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hifax TRS 784D high melt flow, 950 MPa flexural modulus, natural, reactor grade thermoplastic elastomeric olefin (TEO) resin has an excellent balance of impact, stiffness, paintability, and processability. It is based on material produced from Basell's proprietary Catalloy process.

General Information			
Features	Good Colorability Good Moldability Good Processability Good Stiffness High Flow High Impact Resistance High Shrinkage Paintable		
Uses	Construction Applications Industrial Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.890	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	8.0	%	ISO 527-2
Flexural Modulus (23°C)	950	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (23°C)	46	kJ/m²	ISO 180
Multi-Axial Instrumented Impact Energy [1] (-30°C, Total Penetration Energy)	25.0	J	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, Unannealed	80.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	53.0	°C	ISO 75-2/A
NOTE			
1.	2.2 m/sec		

Recommended distributors for this material

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