

Hifax TRS 123D NAT

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hifax TRS 123D NAT 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 LyondellBasell's proprietary Catalloy process.

General Information		
Features	Rigid, good	
	Impact resistance, good	
	Workability, good	
	Sprayable	
	High liquidity	
Uses	Application in Automobile Field	
	Car interior parts	
Appearance	Natural color	
Processing Method	Injection molding	
Physical	Nominal Value	Unit
Density ¹ (23°C)	0.890	g/cm ³
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min
Mechanical	Nominal Value	Unit
Tensile Strength (Yield, 23°C)	18.0	MPa
Tensile Elongation (Yield, 23°C)	8.0	%
Flexural Modulus (23°C)	950	MPa
Impact	Nominal Value	Unit
Notched Izod Impact (23°C)	46	kJ/m ²
Multi-Axial Instrumented Impact Energy ² (-30°C, 3.20 mm)	25.0	J
Thermal	Nominal Value	Unit
Deflection Temperature Under Load		
0.45 MPa, not annealed	80.0	°C
1.8 MPa, not annealed	53.0	°C
NOTE		
1.	Method A	
2.	2.2 m/sec	

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