

Hifax TRC 790PHF 3004 BLK

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hifax TRC 790PHF 3004 BLK high melt flow, high flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It is typically used for automotive bumper fascia applications.

General Information		
Filler / Reinforcement	Mineral filler	
Features	Workability, good	
	Sprayable	
	High liquidity	
Uses	Car anti-collision bar	
	Application in Automobile Field	
	Automotive exterior parts	
Processing Method	Injection molding	
Physical	Nominal Value	Unit
Density (23°C)	1.04	g/cm ³
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min
Mechanical	Nominal Value	Unit
Tensile Strength (Yield, 23°C)	17.0	MPa
Tensile Elongation (Break, 23°C)	100	%
Flexural Modulus (23°C)	1500	MPa
Impact	Nominal Value	Unit
Notched Izod Impact		
-30°C	4.0	kJ/m ²
23°C	42	kJ/m ²
Thermal	Nominal Value	Unit
Deflection Temperature Under Load (0.45 MPa, Unannealed)	98.0	°C

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