

Hifax TYC 852X

Polyolefin

LyondellBasell Industries

Message:

Hifax TYC 852X very high melt flow, 2,000 MPa flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed primarily for automotive bumper fascias.

General Information			
Filler / Reinforcement	Mineral		
Features	Good Processability		
	High Flow		
	High Impact Resistance		
	High Stiffness		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
	Fascias		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	3.5	kJ/m ²	
23°C	35	kJ/m ²	

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