Hifax TYC 762PLS

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

This information has been secured during the course of product development. Both the product and its properties are subject to change before final commercialization.
Hifax TYC 762PLS very high melt flow, 2,100 MPa flexural modulus, precolored, UV-stabilized, mineral-filled, paintable thermoplastic elastomeric olefin has an excellent balance of properties, processability, and paintability. It was designed primarily for automotive bumper fascias.

General Information			
Filler / Reinforcement	Mineral filler		
Additive	UV stabilizer		
Features	Good dimensional stability Rigidity, high Impact resistance, good Workability, good Sprayable Good formability High liquidity		
Uses	Car anti-collision bar Application in Automobile Field Automotive exterior parts		
Appearance	Unspecified Color		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.08	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ASTM D1238, ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D, 15 sec)	60		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	19.0	MPa	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ISO 180
-40°C	4.0	kJ/m²	ISO 180
23°C	43	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	56.0	°C	ISO 75-2/A

Recommended distributors for this material

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