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Hifax TYC 762PLS

Compounded Polyolefin

Product Description

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.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Good Impact Resistance , Good Moldability , Paintable, High Stiffness
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.08	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	19	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	19	MPa
Flexural modulus	ISO 178	2100	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		43	kJ/m²
(-40 °C)		4.0	kJ/m²
Hardness			
Durometer Hardness (Shore D)	ASTM D 2240	60	
Note: 15 second dwell			
Thermal			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	56	°C
Additional Information			
Mold shrinkage	ISO 294-4		