

Technical Data Sheet

Hifax TRS 1246X BLACK

Polypropylene Compounds



Product Description

Hifax TRS 1246X BLACK medium high melt flow, 950 MPa flexural modulus, paintable thermoplastic elastomeric olefin resin has a very good balance of processability, impact resistance and paintability that is typically used for painted automotive exterior applications.

Application	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Flow; Good Impact Resistance; Good Moldability; Low Temperature Impact Resistance; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	18	g/10 min	ASTM D1238
Density, (23 °C, Method A)	0.89	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	950	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	16	kJ/m ²	ISO 179
(-30 °C)	6.0	kJ/m ²	ISO 179
Multi-axial Impact Strength, (-30 °C, 2.2 m/s, 3.2 mm plaque)	22	J	ASTM D3763
Failure Mode Ductile.			
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	46	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

