

Technical Data Sheet

Hifax TRC 1344X BLACK

Polypropylene Compounds



Product Description

Hifax TRC 1344X BLACK is a low CLTE product with medium melt flow rate, high flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin that has an excellent balance of properties and processability. It is typically used for multiple automotive exterior applications.

Application	Body Panels; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Impact Resistance; Good Moldability; Low Coefficient of Linear Thermal Expansion; Low Shrinkage; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	21	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.04	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2100	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	22	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	27	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	96	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

