Technical Data Sheet

Hifax TYC 1235X BLACK

Polypropylene Compounds

Product Description

Hifax TYC 1235X BLACK has a very high melt flow, very 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; High Flow; High Stiffness; Low Shrinkage; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.07	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2800	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	23	MPa	ISO 527-1, -2
Impact			
Multi-axial Impact Strength, (-10 °C, 2.2 m/s, 3.2 mm plaque)	22	J	ASTM D3763
Energy at max load (ductile failure mode).			
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			