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, mineralfilled thermoplastic elastomeric olefin (TEO) resin 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.			