

Technical Data Sheet

Hifax TYC 1400X BLACK



Polypropylene Compounds

Product Description

Hifax TYC 1400X BLACK has a very high melt flow, 1,650 MPa flexural modulus, low density mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin. It has an excellent balance of properties and processability, and is typically used for automotive bumper fascias and exterior trim applications.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding

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)	0.95	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1650	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	22	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	40	kJ/m ²	ISO 179
(0 °C)	15	kJ/m ²	ISO 179
(-40 °C)	3.2	kJ/m ²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.

