

Technical Data Sheet

Hifax TYC 1190X BLACK

Polypropylene Compounds

Product Description

Hifax TYC 1190X BLACK high melt flow, 1,600 MPa flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It is typically used for automotive bumper fascia applications.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Impact Resistance; Good Processability; Good Stiffness; High Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ASTM D1238
Density, (23 °C)	1.01	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1600	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	>500	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	55	kJ/m ²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			