

Technical Data Sheet

Hifax TYC007P BLK



Polypropylene Compounds

Product Description

Hifax TYC007P BLK very high melt flow, very high flexural modulus, UV-stabilized, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It is typically used for automotive bumper fascias.

Regulatory Status

For regulatory compliance information, see Hifax TYC007P BLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
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)	31	g/10 min	ASTM D1238
Density, (23 °C)	1.05	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	2100	MPa	ISO 178
Tensile Modulus, (23 °C, 50 mm/min, Chord)	2000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	20	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	42	kJ/m ²	ASTM D256
(-30 °C)	5	kJ/m ²	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	63		ISO 2039-2
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	59	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			