

Technical Data Sheet

Hifax TYC 791P YGYA BLK



Polypropylene Compounds

Product Description

Hifax TYC 791P YGYA BLK high melt flow, 1,400 MPa flexural modulus, UV-stabilized, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It is typically used for automotive exterior ornamentation applications.

Regulatory Status

For regulatory compliance information, see Hifax TYC 791P YGYA BLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Restricted
Availability	North America
Application	Automotive Parts; 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)	28	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.01	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1400	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	23	kJ/m ²	ISO 180
(0 °C)	7.2	kJ/m ²	ISO 180
(-40 °C)	4.0	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	98	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	57	°C	ISO 75A-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			