

Technical Data Sheet

Hifax TYC 852P YGYA BLK



Polypropylene Compounds

Product Description

Hifax TYC 852P YGYA BLK a very high melt flow, 2,000 MPa flexural modulus, mineral-filled, uv-stabilized thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and process ability. It is typically used for automotive bumper fascia.

Regulatory Status

For regulatory compliance information, see Hifax TYC 852P YGYA BLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Restricted
Availability	North America
Application	Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Processability; Good UV Resistance; High Impact Resistance; High Stiffness

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)	1.06	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	2000	MPa	ISO 178
Tensile Stress at Yield	20	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m ²	ISO 180
(-40 °C)	3.5	kJ/m ²	ISO 180
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			