

Technical Data Sheet

Hifax TYC 852XHS BLK



Polypropylene Compounds

Product Description

Hifax TYC 852XHS BLK (high shrink version of *Hifax* TYC 852X BLACK) very high melt flow, 2,000 MPa flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It is typically used for automotive bumper fascia.

Regulatory Status

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

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

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)	1.02	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)	33	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.			