

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.

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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