

Technical Data Sheet

Hifax TYC 1087X BLACK

Polypropylene Compounds



Product Description

Hifax TYC 1087X BLACK very high melt flow, very high flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has excellent stiffness and cold temperature ductility. It also has outstanding flow performance. It is typically used for automotive bumper fascia.

Regulatory Status

For regulatory compliance information, see *Hifax* TYC 1087X BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Application	Automotive Parts; Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Low Temperature Impact Resistance; Ultra High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	40	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2100	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	18	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	45	kJ/m ²	ISO 179
(-30 °C)	6	kJ/m ²	ISO 179
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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- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
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- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
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- (ii) applications involving permanent implantation into the body;
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