Technical Data Sheet

Hifax TYC 1152X C2 BLACK

Polypropylene Compounds

Product Description

Hifax TYC 1152X C2 is very high melt flow, low mineral filled, paintable thermoplastic elastomeric olefin (TEO) resin. Enables part weight reduction and associated savings while maintaining all of the performance of traditional, higher density products. It has an excellent balance of properties and processability, and is typically used for automotive bumper fascias and exterior trim applications.

Regulatory Status

For regulatory compliance information, see *Hifax* TYC 1152X C2 BLACK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ISO 1133-1
Density, (23 °C)	1.01	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus	1800	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	30	kJ/m²	ISO 179-1/1eA
(-40 °C)	3	kJ/m²	ISO 179-1/1eA

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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