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.

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/cm³	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/m²	ISO 179
(-30 °C)	6	kJ/m²	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.