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Technical Data Sheet

Hifax TYC 459X NA BLACK

Polypropylene Compounds

Product Description

Hifax TYC 459X NA BLACK is a talc filled PP copolymer with very low shrinkage, high flowability, good impact/stiffness balance, and is typically used for painted automotive exterior applications. Product is available in black color pellet form.

Status	Developmental
Availability	North America
Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow; High Stiffness; Low Coefficient of Linear Thermal Expansion; Low Shrinkage; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	28	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C)	1900	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	30	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	35	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.