

Technical Data Sheet

Hifax TYC 459P 7C45

Polypropylene Compounds

Product Description

Hifax TYC 459P 7C45 is a talc filled PP copolymer with very low shrinkage, high flowability, good impact/stiffness balance and high UV resistance. Product is available as a customized color matched pellet form. This grade is delivered in 7C45 color version.

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Good UV Resistance; High Flow; High Stiffness; Low Coefficient of Linear Thermal Expansion; Low Shrinkage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	27	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C)	2000	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	40	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	25	kJ/m ²	ISO 179
(-30 °C)	3.5	kJ/m ²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			