Technical Data Sheet

Hifax TYC 258X S92908

Polypropylene Compounds

Product Description

Hifax TYC 258X S92908 is a 30% talc filled PP copolymer, with excellent flowability, low CLTE (Coefficient of Linear Thermal Expansion), very good processability. This grade has been specifically designed for moulding of large complex parts that require good dimensional stability.The product is also available in other color matched, pellet form. This grade is delivered in S92908 color version. Material do not contain UV additives.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	High Stiffness; Low Shrinkage; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density, (23 °C)	1.14	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1950	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	25	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	20	kJ/m²	ISO 179-1/1eA
(-30 °C)	2.5	kJ/m²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	110	°C	ISO 306