

Technical Data Sheet

Hifax TYC 852P T 2083 (DN72)

Polypropylene Compounds



Product Description

Hifax TYC 852P T 2083 is a 22% talc filled impact modified polypropylene, with high flowability, high impact resistance and low CLTE. Product is available as a customized color matched, pellet form. This grade is delivered in 2083 color version.

Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good UV Resistance; High Flow; High Impact Resistance

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)	1.06	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	2000	MPa	ISO 178
Tensile Stress at Yield	18	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m ²	ISO 180/1A
(-30 °C)	5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	105	°C	ISO 75B-1, -2

