

Technical Data Sheet

Hifax RC 516N 2053

Polypropylene Compounds

Product Description

Hifax RC 516N 2053 is a talc filled impact modified polypropylene, with good flowability and excellent impact/stiffness balance. Product is available as a customized color matched, pellet form. This grade is delivered in 2053 color version.

Status	Commercial: Active
Availability	Asia-Pacific
Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Flow; Good Stiffness; High Impact Resistance; UV Stabilized

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Density, (23 °C)	1.01	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	1650	MPa	ISO 178
Tensile Stress at Yield	17	MPa	ISO 527-1, -2
Tensile Strain at Break	80	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	42	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	99	°C	ISO 75B-1, -2