

Technical Data Sheet

Hifax SP 179 3004



Polypropylene Compounds

Product Description

Hifax SP 179 3004 is an unfilled PP copolymer with high impact and high UV resistance. The product is available in different color matched, pellet form. This grade is delivered in 3004 color version.

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

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	7	g/10 min	ISO 1133-1
Density, (23 °C)	0,91	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	900	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	15	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	>250	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	75	kJ/m ²	ISO 179-1/1eA
(-30 °C)	10	kJ/m ²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	45	°C	ISO 75B-1, -2