

Technical Data Sheet

Hifax PPN 8008 103220

Polypropylene Compounds



Product Description

Hifax PPN 8008 103220 is an unfilled PP copolymer, with medium flowability and excellent low temperature impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 103220 black color version.

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	Ultra High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	10	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	13	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	750	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Unnotched			
(23 °C)	80	kJ/m ²	ISO 179-1/1eU
(0 °C)	No Break		ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	50	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	75	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2

Notes

These are typical property values not to be construed as specification limits.

