

Technical Data Sheet

Hostacom PPR 1042 12

Polypropylene Compounds

Product Description

Hostacom PPR 1042 12 is an unfilled PP copolymer, with medium melt flow and good impact resistance. This grade is delivered in black color version.

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

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	6	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	1250	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	26	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	14	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	70	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	80	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2