

Technical Data Sheet

Hostacom PPR 4142

Polypropylene Compounds

Product Description

Hostacom PPR 4142 is an unfilled PP copolymer with low melt flow rate.

Regulatory Status

For regulatory compliance information, see Hostacom PPR 4142 [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Europe
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4.1	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	5.6	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1000	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	1100	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	26	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	7	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	12	kJ/m ²	ISO 179-1/1eA
(0 °C)	4.5	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)	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.