

Technical Data Sheet

Hostacom PP HN42L G31702

Polypropylene Compounds

Product Description

Hostacom PP HN42L G31702 is an unfilled PP homopolymer with medium melt flow rate. The grade is UL listed in all colors.

The material is not intended for medical, pharmaceutical or drinking water application

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

Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	10.5	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	14	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)	1750	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	1750	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	37	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	9	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	4.5	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2