

Technical Data Sheet

Hostacom PP HU42L 205199



Polypropylene Compounds

Product Description

Hostacom PP HU42L 205199 is an unfilled PP homopolymer with medium melt flow rate. Product is UL listed.

Market Electrical / Electronics

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	13	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	0.92	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1900	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	2000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	36	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	9	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	3.5	kJ/m ²	ISO 179-1/1eA
(0 °C)	1.2	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	80	kJ/m ²	ISO 179-1/1eU
(0 °C)	30	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2