

Technical Data Sheet

Hostacom PP HW11L 456033



Polypropylene Compounds

Product Description

Hostacom PP HW11L 456033 is an unfilled PP homopolymer with very high melt flow rate. Product is UL certified in all colors.

Application	Oral and Dental Care
Market	Electrical / Electronics
Processing Method	Injection Molding
Attribute	High Flow; High Gloss

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	33	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	45	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	0.91	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1350	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	1400	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	28	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	7.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	4.5	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (0 °C)	70	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2
Flammable			
Flame Rating - UL, (0.75 mm)	HB		UL 94