

Technical Data Sheet

Hostacom HYS 2009R 105518



Polypropylene Compounds

Product Description

Hostacom HYS 2009R 105518 is an unfilled PP homopolymer with high melt flow rate. Product is UL listed.

Application	Small Appliances
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)	28	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	35	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)	1600	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	1700	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)	2.5	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (B50)	100	°C	ISO 306