



Hostacom HYS 2009R 105518

Compounded Polyolefin

Product Description

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	High melt flow rate.
Typical Customer Applications	Used for small appliances.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	28	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	35	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	0.91	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	1600	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	37	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	9	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1700	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	>50	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.5	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	100	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	55	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	100	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

