

## 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.

<b>Application</b>	Small Appliances
<b>Market</b>	Electrical / Electronics
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	High Flow; High Gloss

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
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 <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	0.91	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	2.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	100	°C	ISO 306