

## Technical Data Sheet

**Hostacom PP HW11L 205199**

Polypropylene Compounds

**Product Description**

Hostacom PP HW11L 205199 is an unfilled PP homopolymer with very high melt flow rate. Product is UL certified in all colors.

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
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 <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	0.92	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	4.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (0 °C)	70	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2
<b>Flammable</b>			
Flame Rating - UL, (0.75 mm)	HB		UL 94