

Technical Data Sheet

*Hostacom* HKP 2034D NAT



Polypropylene Compounds

**Product Description**

*Hostacom* HKP 2034D NAT is a mixed filler grade PP homopolymer with medium melt flow rate.

<b>Application</b>	White Goods
<b>Market</b>	Electrical / Electronics
<b>Processing Method</b>	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	12	cm <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	1.1	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Tensile Modulus, (23 °C)	3500	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	35	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	3	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	3.1	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	15	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	105	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	141	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	85	°C	ISO 75A-1, -2