

## Technical Data Sheet

### Hostacom PPN 1034 12



Polypropylene Compounds

#### Product Description

Hostacom PPN 1034 12 is an unfilled PP copolymer with medium melt flow rate and good low temperature impact resistance. The product is also available as a customized color matched, pellet form. This grade is delivered in BLACK color version.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

<b>Application</b>	Automotive Parts; Underhood
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Low Temperature Impact Resistance; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/5.0 kg)	13	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	15	cm <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Tensile Modulus, (23 °C)	1050	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	24	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	50	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	No Break		ISO 179-1/1eU
(0 °C)	No Break		ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	68	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	80	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2