



## Hostacom HRC 183D G84014

Compounded Polyolefin

IMDS Number: 19524166

### Product Description

Hostacom HRC 183D G84014 is a 30% talc filled PP homopolymer, with good hot water resistance, low discoloration under hot water/steam immersion and good detergent resistance. The product is also available as a customized color matched, pellet form. This grade is delivered in G84014 color version.

*This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.*

### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Hot water resistance, detergent resistance.
Typical Customer Applications	Designed for dishwasher parts.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	15	g/10 min
Density (23 °C)	ISO 1183-1/A	1.14	g/cm <sup>3</sup>
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	16	cm <sup>3</sup> /10 min
<b>Mechanical</b>			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	3600	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	33	MPa
Tensile Modulus (23 °C)	ISO 527-1, -2	3400	MPa
Tens.Strain at Break	ISO 527-1, -2	8	%
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.2	kJ/m <sup>2</sup>
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	28	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	73	°C
Vicat Softening Temperature B (50 N)	ISO 306	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.

