



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	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Hot water resistance, detergent resistance.	
Typical Customer Applications	Designed for dishwasher parts.	

Typical Properties	Method	Value	Unit
Physical			
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 ³
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	16	cm ³ /10 min
Mechanical			
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	%
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.2	kJ/m ²
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	28	kJ/m ²
Thermal			
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.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.