

Hostacom PP HW11L 205199

Compounded Polyolefin

Product Description

Hostacom PP HW11L 205199 is an unfilled PP homopolymer, with very high melt flow rate and high gloss. Product is UL listed. Please contact Basell for shrinkage recommendations. The product is available as a customized color matched, pellet form. This grade is delivered in 205199 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	High melt flow rate.
Typical Customer Applications	Used for dental care housing.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	33	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	45	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	0.92	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	1450	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	29	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	6	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1350	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	NB	kJ/m ²
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	70	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	4.5	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	52	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	82	°C
Other			
Flame Class (1.5 mm)	UL 94	3 (0.75mm WT)	-

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.

