



Hostacom D1124 0001

Compounded Polyolefin

Product Description

Hostacom D1124 0001 is a 20% mineral filled PP homopolymer, with good surface appearance and good LTHS (long term heat stability). FDA approval/DMF registration under file N°13038. Medical and drinking water applications on request. This grade is delivered in Natural color version.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Surface appearance, LTHS (long term heat stability).
Typical Customer Applications	Used for applications demanding FDA approval.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	26	g/10 min
Density (23 °C)	ISO 1183-1/A	1.13	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	33	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	6	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2400	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	50	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.8	kJ/m ²
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	1.7	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	60	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	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 affect the quality of this product
- Keep material completely dry for good processing.

