

Technical Data Sheet

Hostacom HBC 2288R 304698



Polypropylene Compounds

Product Description

Hostacom HBC 2288R 304698 is a 20% talc filled PP homopolymer, with low melt flow rate and good stiffness. The product is available in not specified grey color, pellet form.

Application	Industrial
Market	Industrial, Building & Construction
Processing Method	Injection Molding
Attribute	Low Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	9	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	10	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2900	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	2800	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	36	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	4.5	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	50	kJ/m²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	65	°C	ISO 75A-1, -2

