

Hostacom EKP 747D

Compounded Polyolefin

Product Description

Hostacom EKP 747D medium high melt flow, 2,400 MPa flexural modulus, 40% calcium carbonate-filled polypropylene copolymer has a very good balance of properties and processability. It was designed for a variety of industrial and consumer applications.

Product Characteristics

Status	Commercial: Restricted
Test Method used	ISO
Processing Methods	Injection Molding
Features	Pleasing Surface Appearance, Good Chemical Resistance, Copolymer, Good Impact Resistance , Good Processability, Good Stiffness
Typical Customer Applications	Appliances, Housewares, Other Industrial

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	12	g/10 min
Density (Method A)	ISO 1183	1.23	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	3	%
Flexural modulus (23 °C)	ISO 178	2400	MPa
Impact			
Charpy notched impact strength	ISO 179		
(0 °C)		5.0	kJ/m ²
(23 °C)		10	kJ/m ²
Notched izod impact strength (23 °C)	ISO 180	12	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	103	°C

Additional Properties

Gardner Falling Dart Impact (GFDI) per ASTM D 5420 at 23°C = 22 J.

Notes

Typical properties; not to be construed as specifications.

