



## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	12	g/10 min
Density (Method A)	ISO 1183	1.23	g/cm <sup>3</sup>
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy notched impact strength (0 °C)	ISO 179	5.0	kJ/m <sup>2</sup>
(23 °C)		10	kJ/m <sup>2</sup>
Notched izod impact strength (23 °C)	ISO 180	12	kJ/m <sup>2</sup>
<b>Thermal</b>			
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.