



Moplen EP336J

Polypropylene, Impact Copolymer

Product Description

Moplen EP336J is a polypropylene impact copolymer manufactured using the Spheripol process. This grade is known for having an optimized balance of stiffness and toughness, with high impact strength at low temperatures. Potential applications include injection molding of housewares, toys and crates.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	Impact Copolymer, Low Temperature Impact Resistance, High Stiffness, Low Warpage
Typical Customer Applications	Crates, Housewares, Opaque Containers, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	3	g/10 min
Note: ASTM D1238L			
Mechanical			
Flexural Modulus	ASTM D 790	12000	kg/cm²
Tensile Strength @ Yield	ASTM D 638	250	kg/cm²
Tensile Elongation @ Yield	ASTM D 638	7	%
Impact			
Notched Izod Impact	ASTM D 256		
(-20 °C)		6	kg-cm/cm
(23 °C)		45	kg-cm/cm
Hardness			
Rockwell Hardness (R Scale)	ASTM D 785	86	
Thermal			
Vicat softening point	ASTM D 1525	147	°C
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	96	°C

Notes

Typical properties; not to be construed as specifications.