Moplen EP300C

Polypropylene, Impact Copolymer

Product Description

Moplen EP300C is a polypropylene impact copolymer manufactured using the Spheripol process. Potential applications include sheet and profile extrusion, as well as thermoforming. Other specific applications may include food packaging and trays.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Extrusion Pipe Sheet and Semi Finished Products, Extrusion Thermoforming
Features	Impact Copolymer, Good Melt Strength , Good Stretchability
Typical Customer Applications	Corrugated Sheet, Opaque Containers

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	0.5	g/10 min
Note: ASTM D1238L			
Mechanical			
Flexural Modulus	ASTM D 790	11000	kg/cm²
Tensile Strength @ Yield	ASTM D 638	320	kg/cm²
Tensile Elongation @ Yield	ASTM D 638	10	%
Impact			
Notched Izod Impact	ASTM D 256		
(23 °C)		70	kg-cm/cm
(-20 °C)		6	kg-cm/cm
Hardness			
Rockwell Hardness (R Scale)	ASTM D 785	87	
Thermal			
Vicat softening point	ASTM D 1525	152	°C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
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Users should review the applicable Material Safety Data Sheet before handling the product.

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