



Moplen EP300H

Polypropylene, Impact Copolymer

Product Description

Moplen EP300H is a impact copolymer with good impact strength at low temperature. It can be processed by extrusion processes and injection moulding.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Extrusion Blow Molding, Extrusion Pipe Sheet and Semi Finished Products, Injection Molding
Features	Low Temperature Impact Resistance
Typical Customer Applications	Bottles For Consumer Goods, Bottles for Industrial Use, Corrugated Sheet, Crates, Panels & Profiles, Stationery Film

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	1.8	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1150	MPa
Tensile Strength @ Yield	ASTM D 638	25	MPa
Tensile Elongation @ Yield	ASTM D 638	9	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	no break	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	88	°C

Notes

Typical properties; not to be construed as specifications.