



Moplen EP318R

Polypropylene, Impact Copolymer

Product Description

Moplen EP318R is a polypropylene impact copolymer manufactured using the Spheripol process. Potential applications include extrusion coating on PP wovens and kraft paper.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Features	Copolymer, High Flow , Low Neck-In, Good Processability
Typical Customer Applications	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	31	g/10 min
Note: ASTM D1238L			
Mechanical			
Flexural Modulus	ASTM D 790	14500	kg/cm ²
Tensile Strength @ Yield	ASTM D 638	320	kg/cm ²
Tensile Elongation @ Yield	ASTM D 638	9	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	2.5	kg-cm/cm
Hardness			
Rockwell Hardness (R Scale)	ASTM D 785	100	
Thermal			
Vicat softening point	ASTM D 1525	150	°C
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	110	°C

Notes

Typical properties; not to be construed as specifications.