



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 , Good Processability, Low Neck-In
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
<i>Note: ASTM D1238L</i>		
Mechanical		
Tensile Strength @ Yield	ASTM D 638	320 kg/cm ²
Flexural Modulus	ASTM D 790	14500 kg/cm ²
Tensile Elongation @ Yld	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.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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