



Moplen RP218R

Polypropylene, Random Copolymer

Product Description

Moplen RP218R is a polypropylene random copolymer manufactured using the Spheripol process. Potential end use applications include extrusion coating on BOPP film

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Melt flow rate (230°C/2.16kg) <i>Note: ASTM D1238L</i>	ASTM D 1238	19 g/10 min
Density	ASTM D 1505	0.9 g/cm ³
Mechanical		
Tensile Strength @ Yield	ASTM D 638	245 kg/cm ²
Flexural Modulus	ASTM D 790	8000 kg/cm ²
Tensile Elongation @ Yld	ASTM D 638	12 %
Impact		
Notched izod impact (23 °C)	ASTM D 256	4 kg-cm/cm
Hardness		
Rockwell Hardness (R-Scale)	ASTM D 785	85
Thermal		
Vicat softening point	ASTM D 1525	125 °C
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	85 °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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