



Moplen RP225N

Polypropylene, Random Copolymer

Product Description

Moplen RP225N is a polypropylene random copolymer. With its broad heat seal range, and good slip and anti-blocking properties, this product is especially suitable for single layer and coextruded cast film. This grade contains slip and anti-blocking additives.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Cast Film
Features	High Clarity, Random Copolymer, Heat Sealable
Typical Customer Applications	Food Packaging Film, Multi Media Packaging, 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	11	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	880	MPa
Tensile Strength @ Yield	ASTM D 638	26	MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	40	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	84	°C

Notes

Typical properties; not to be construed as specifications.