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# 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/cm³
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/mm2	ASTM D 648	84	°C

#### Notes

Typical properties; not to be construed as specifications.