



## Moplen RP229N

### Polypropylene, Random Copolymer

#### Product Description

Moplen RP229N is a polypropylene random copolymer. With its broad heat seal range, good anti-blocking properties and improved stiffness, this product is especially suitable for coextruded cast film.

#### Product Characteristics

Test Method used	ASTM
Processing Methods	Cast Film
Features	Unspecified Antiblocking , Random Copolymer, Heat Sealable
Typical Customer Applications	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.90	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	11	g/10 min
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	1040	MPa
Tensile Strength @ Yield	ASTM D 638	27	MPa
Tensile Elongation @ Yield	ASTM D 638	12	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	47	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	92	°C