



Moplen HP520M

Polypropylene, Homopolymer

Product Description

Moplen HP520M is a polypropylene homopolymer. With its excellent opticals, good stiffness, low gels, and good compatibility with multi-layer film constructions, this grade is especially suitable as a core layer for co-extrusions of cast film. Potential end use applications include ribbon tape.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Cast Film
Features	Low Gel, Good Optical Properties, Good Stiffness
Typical Customer Applications	Food Packaging Film, Lamination 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	8	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1550	MPa
Tensile Strength @ Yield	ASTM D 638	35	MPa
Tensile Elongation @ Yield	ASTM D 638	10	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	28	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	105	°C

Notes

Typical properties; not to be construed as specifications.