



Moplen HP740M

Polypropylene, Homopolymer

Product Description

Moplen HP740M is a polypropylene homopolymer formulated without slip or anti-blocking agents. With its excellent opticals, good stiffness, low gels, platability and good compatibility with multi-layer film constructions, this grade is especially suitable as a core layer for metallized and laminated cast film.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Cast Film
Features	Low Gel, Homopolymer, Opticals, Platable, Good Stiffness
Typical Customer Applications	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	8	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1800	MPa
Tensile Strength @ Yield	ASTM D 638	37	MPa
Tensile Elongation @ Yield	ASTM D 638	8	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	37	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	119	°C

Notes

Typical properties; not to be construed as specifications.