



Moplen HP420J

Polypropylene, Homopolymer

Product Description

Moplen HP420J is a polypropylene homopolymer manufactured using the Spheripol process. It is particularly suitable for BOPP, with potential end use applications in general purpose packaging, lamination film and adhesive tape.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	BOPP
Features	High Clarity, High Gloss , Good Processability, Good Stiffness , Good Stretchability
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	ASTM D 1238	3	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1350	MPa
Tensile Strength @ Yield	ASTM D 638	32	MPa
Tensile Elongation @ Yield	ASTM D 638	11	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	36	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	96	°C

Notes

Typical properties; not to be construed as specifications.