



Moplen HP622J

Polypropylene, Homopolymer

Product Description

Moplen HP622J is a polypropylene homopolymer manufactured using the Spheripol process. It is a BOPP core layer resin designed for use in high speed tender process and particularly suitable for Metallisable BOPP film production. It has wide processing window and excellent processability and stretchability. Typical applications include general purpose BOPP films, Metallisable BOPP films and cigarette film.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	BOPP
Features	Homopolymer, Good Processability, High Stiffness, Good Stretchability
Typical Customer Applications	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg) <i>Note: ASTM D1238L</i>	ASTM D 1238	3	g/10 min
Density	ASTM D 1505	0.9	g/cm ³
Mechanical			
Flexural Modulus	ASTM D 790	16000	kg/cm ²
Tensile Strength @ Yield	ASTM D 638	370	kg/cm ²
Tensile Elongation @ Yield	ASTM D 638	12	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	4	kg-cm/cm
Hardness			
Rockwell Hardness (R Scale)	ASTM D 785	95	
Thermal			
Vicat softening point	ASTM D 1525	146	°C
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	106	°C

Notes

Typical properties; not to be construed as specifications.