



Moplen HP601J

Polypropylene, Homopolymer

Product Description

Moplen HP601J is a general purpose polypropylene homopolymer resin with improved tensile properties, used in extrusion and thermoforming applications. Typical applications are monofilaments, ropes, tapes, straw, stationary sheets, and thermoforming for drinking cups.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Method	Tapes & Raffia, Extrusion Thermoforming
Features	Homopolymer, Good Stretchability
Typical Customer Applications	Stationery Film, Straws, Drinking, Raffia/Tapes/Strapping

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity (Method B g/cm ³)	ASTM D 792	0.9	g/cm ³
Melt flow rate (230°C/2.16kg g/10 min)	ASTM D 1238	3.0	g/10 min
Mechanical			
Tensile Strength @ Yield	ASTM D 638	35	MPa
Flexural Modulus	ASTM D 790	1600	MPa
Tensile Elongation @ Yld	ASTM D 638	9	%
Impact			
Notched izod impact (23 °C, Method A J/m)	ASTM D 256	34	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.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE

- LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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