



Moplen HP5019, Developmental Grade

Polypropylene, Homopolymer

Product Description

Developmental Grade *Moplen* HP5019 is a polypropylene homopolymer. Potential applications include general purpose and metallizable cast films, as well as food and clothes packaging. This is a Provisional Data Sheet of *Moplen* HP5019.

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Melt flow rate (230°C/2.16kg) <i>Note: ASTM D1238L</i>	ASTM D 1238	8 g/cm ³
Density	ASTM D 1505	0.9 g/cm ³
Mechanical		
Tensile Strength @ Yield	ASTM D 638	340 kg/cm ²
Flexural Modulus	ASTM D 790	15000 kg/cm ²
Tensile Elongation @ Yld	ASTM D 638	10 %

Notes

Typical properties; not to be construed as specifications.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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