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## **Technical Data Sheet**

## Moplen HP526J

Polypropylene, Homopolymer



## **Product Description**

Moplen HP526J is a polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). The product is suitable for metallizable film, both as monolayer film and in coextruded structures. It contains a standard processing stabilisation but does not contain any slip, antiblocking agents and it is Calcium Stearate free. Moplen HP526J offers good optical, excellent & highly consistent processing and very good film profile. Typical applications are BOPP packaging film and sheet for Solid Phase Thermoforming.

**Application** Barrier Film; Food Packaging Film; Thermoformed Food Containers

MarketFlexible PackagingProcessing MethodBOPP; Thermoforming

Attribute Good Optical Properties; Good Processability; High Clarity; High Gloss; Homopolymer

	Nominal		
Typical Properties	Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3.0	g/10 min	ISO 1133-1
Density	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1450	N/mm²	ISO 178
Tensile Stress at Break, (23 °C, 50 mm/min)	23	N/mm²	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	34	N/mm²	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	>=500	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	12	%	ISO 527-1, -2
Hardness			
Shore Hardness, (Shore D)	70		ISO 868
Thermal			
Vicat Softening Temperature, (A50)	154	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	85	°C	ISO 75B-1, -2