

Technical Data Sheet

Moplen HP520J HP



Polypropylene, Homopolymer

Product Description

Moplen HP520J HP is a polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). It has a very low level of catalyst residues and it does not contain any slip and antiblocking agents. *Moplen* HP520J HP offers good optical, easy processing and good film profile.

Application	Food Packaging Film; Thermoformed Food Containers
Market	Flexible Packaging
Processing Method	BOPP; Thermoforming
Attribute	Good Processability; High Clarity; High Gloss; Homopolymer; Medium Flow

Typical Properties	Nominal 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/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1450	N/mm ²	ISO 178
Tensile Stress at Break, (23 °C, 50 mm/min)	23	N/mm ²	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	34	N/mm ²	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)		%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	12	%	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (A50)	154	°C	ISO 306