

# Moplen HP420J

Polypropylene Homopolymer

PolyMirae

Message:

Polypropylene Homopolymer Resin for BOPP Film

Features:

Very stable tenter-process

High clarity

High gloss

Good mechanical properties

Applications:

Plain BOPP film for food packaging

Textiles packaging and flower wrappings

General Information			
Features	Highlight		
	Homopolymer		
	Good processing stability		
	Definition, high		
	Compliance of Food Exposure		
Uses	Bi-axially Oriented Film		
	Packaging		
	Food packaging		
Processing Method	Film extrusion		
	Drawing Machine processing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1350	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.0	°C	ASTM D648

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## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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