

Trilene® HF2.0BM

Polypropylene Homopolymer

Chandra Asri Petrochemical

Message:

Trilene HF2.0BM is a polypropylene homopolymer for production of biaxially oriented (BOPP) film including film to be metallized.

This grade uses Unipol® polypropylene technology with the latest catalyst technology.

General Information			
Features	Electroplating High strength Homopolymer Workability, good Definition, high Medium wide molecular weight distribution		
Uses	Bi-axially Oriented Film		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.9	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant ²	1280	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525 ³
Peak Melting Temperature ⁴	161	°C	ASTM D3418
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	230 - 250	°C	
Take-Off Roll	20.0 - 25.0	°C	
Extrusion instructions			
Water Bath Temperature: 30 to 35°C			
NOTE			

1.	50 mm/min
2.	1.3 mm/min
3.	标准 B (120°C/h)
4.	10°C/min, 2nd heat

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