

Teldene® H03BPM

Polypropylene Homopolymer

National Petrochemical Industries Company (NATPET)

Message:

Teldene® H03BPM is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Africa & Middle East, Asia Pacific, or Europe for bi-axially oriented film, coextrusion, extrusion, or solid phase press. form. thermoforming.

Important attributes of Teldene® H03BPM are:

Food Contact Acceptable

Good Aesthetics

Good Processability

Homopolymer

Typical applications include:

Film

Packaging

Sheet

General Information			
Features	Additive Free		
	Food Contact Acceptable		
	Good Processability		
	Homopolymer		
	Opticals		
Uses	Bi-axially Oriented Film		
	Packaging		
	Sheet		
Processing Method	Bi-axially Oriented Film		
	Coextrusion		
	Extrusion		
	Solid Phase Press. Form. Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1450	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	36.3	MPa	
Break	23.0	MPa	
Tensile Strain			ISO 527-2/50

Yield	12	%	
Break	> 50	%	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	156	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Haze (20.0 μm)	0.70	%	ASTM D1003

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