

Teldene

H03BPMP

Polypropylene
Homopolymer



TYPICAL APPLICATIONS

- ◆ BOPP films produced at very high speed with excellent processability
- ◆ Used for flexible packaging & Raffia
- ◆ Used for metallized film, both as monolayer and in co-extruded structures
- ◆ Engaged for the production of solid phase thermoforming sheets

KEY CHARACTERISTICS

- ◆ Excellent processability and stretchability
- ◆ Does not contain any slip or anti-blocking agents
- ◆ Very good film profile
- ◆ High transparency and gloss
- ◆ Calcium stearate free
- ◆ High stiffness and strength
- ◆ Food contact approval for specific applications (*refer to NATPET*)

PROCESSING METHOD

Extrusion, Co-extrusion, BOPP, Solid phase thermoforming

QUALITATIVE

Test	Conditions	Method	Value	Unit
Basic				
Density		ISO 1183	0.900	g/cm ³
Melt Flow Rate (MFR)	230°C/2.16 kg	ISO 1133	3.0	g/10-min
Mechanical				
Tensile Modulus	1-mm/min	ISO 527-1, -2	1,500	MPa
Tensile Stress at Break	50-mm/min	ISO 527-1, -2	23.0	MPa
Tensile Stress at Yield	50-mm/min	ISO 527-1, -2	36.3	MPa
Tensile Strain at Break	50-mm/min	ISO 527-1, -2	> 50	%
Tensile Strain at Yield	50-mm/min	ISO 527-1, -2	12	%
Rockwell Hardness		ASTMD 785	98	Shore D
Thermal				
Heat Deflection Temperature B	0.45 MPa Un-annealed	ISO 75B-1, -2	94	°C
Vicat Softening Temperature	A50 (50°C/h 10N)	ISO 306	153	°C
Additional (Typical Film Properties of a monolayer film produced on a lab simultaneous film stretcher (7x7@150°C)):				

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<i>Haze</i>	<i>20 μm</i>	<i>ASTM D 1003</i>	<i>< 0.5 %</i>
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Note: The above are typical data representing the product; not to be construed as analysis certificate or specifications

For further details about NATPET and its products, please visit the website at www.natpetpp.com

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