



Product Datasheet

Teldene H03BPM

Polypropylene
Homopolymer



TYPICAL APPLICATIONS

- ◆ BOPP films produced at very high speed for 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

- ◆ Easy processing
- ◆ Does not contain any slip or anti-blocking agents
- ◆ Very good film profile
- ◆ Good optical characteristics
- ◆ Calcium stearate free
- ◆ 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	1,450	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	85	°C
Vicat Softening Temperature	A50 (50°C/h 10N)	ISO 306	156	°C
Additional (Typical Film Properties of a monolayer film produced on a lab simultaneous film stretcher (7x7@150°C)):				
Haze	20 µm	ASTM D 1003	0.7	%

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

NATPET® products, marketed under the trade name Teldene®, are intended for the use by those customers and/or any other consumers, who undertake to become responsible to independently establish on their own the appropriateness of the product for its intended use, covering all safety and legally enacted requirements at the location of its projected use and the legal disposal practices thereof. The description of the product as given in this sheet shall under no circumstances be construed as warranty, express or implied including a warranty of merchandise fitness for a particular purpose. On behalf of NATPET, no one is authorized to make any such warranties, or take up on their own to assume such a liability. In case of product related claims, the sole and maximum remedy will be the physical substitution of the product or reimbursement of the purchase value, as per NATPET's options. Further claims based on consequential, secondary, castigatory, or extraordinary damages will in no way entertained by NATPET. NATPET would like to advise its customers and other users that unless specifically stated the supplied products should not be used for applications in medical and/or pharmaceutical sectors.