

Product Datasheet

# Teldene H26M1



Polypropylene  
Homopolymer

## TYPICAL APPLICATIONS

- ◆ Injection Molding
- ◆ Used for the production of thin-walled articles containers ,toys ,vacuum flasks ,household and kitchen articles
- ◆ Components for compounding and master batches application

## KEY CHARACTERISTICS

- ◆ high fluidity
- ◆ High stiffness
- ◆ Outstanding processability
- ◆ Easy mould filling
- ◆ Short cycle times
- ◆ Good dimensional stability and high stiffness
- ◆ Food contact approval for specific applications (*refer to NATPET*)

## PROCESSING METHOD

Injection Molding

## QUALITATIVE

Test	Conditions	Method	Value	Unit
<b>Basic</b>				
Density	23 °C	ISO 1183	0.90	g/cm <sup>3</sup>
Melt Flow Rate (MFR)	230°C/2.16 kg	ISO 1133	25	g/10-min
<b>Mechanical</b>				
Flexural Modulus	50-mm/min	ISO 178	1,500	MPa
Tensile Stress at Yield	50-mm/min	ISO R 527	32.0	MPa
Elongation at Yield	50-mm/min	ISO R 527	13	%
Izod Impact Strength notched	23 °C	ISO 180	3	kJ/m <sup>2</sup>
Hardness Shore D	23 °C	ISO 868	72	points
<b>Thermal</b>				
Heat Deflection Temperature B	0.46 MPa Un-annealed	ISO 75B	94	°C
Vicat Softening Temperature	A50 (50°C/h 10N)	ISO 306A	152	°C
Accelerated oven ageing in air	(forced circulation) at	ISO 4577	360	hours

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150°C

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*Note: The above are typical data representing the product; not to be construed as analysis certificate or specifications*

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