

Teldene® H26ML

Polypropylene Homopolymer
National Petrochemical Industries Company (NATPET)

Message:

- Typical Applications
- Used for the production of thin-walled articles, containers, toys, vacuum flasks, household and kitchen articles
- Components of compounding and master batches application
- Lamination application
- Key Characteristics
- High fluidity
- High stiffness
- Outstanding processability
- Easy mold filling
- Short cycle times
- Good dimensional stability
- Food contact approval for specific applications (refer to NATPET)

General Information			
Features	Excellent Processability		
	Good dimensional stability		
	Rigidity, high		
	Homopolymer		
	Fast molding cycle		
	High liquidity		
	Compliance of Food Exposure		
Uses	Thin wall parts		
	Laminate		
	Kitchen utensils		
	Composite		
	Household goods		
	Masterbatch		
	Container		
Processing Method	Lamination method		
	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method

Tensile Stress			ISO 527-2/50
Yield	32.0	MPa	ISO 527-2/50
Fracture	23.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	13	%	ISO 527-2/50
Fracture	> 50	%	ISO 527-2/50
Flexural Modulus	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	4.1	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	94.0	°C	ISO 75-2/B
Vicat Softening Temperature	152	°C	ISO 306/A50
Extrusion	Nominal Value	Unit	
Melt Temperature	220 - 240	°C	

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