

Teldene H06ML

Polypropylene
Homopolymer**TYPICAL APPLICATIONS**

- Injection Molding
- Used for the production of consumer goods such as food containers, house wares, toys and garden furniture.
- Components for application and parts for the automotive industry

KEY CHARACTERISTICS

- Good flow properties
- Easy processing
- High stiffness
- Food contact approval for specific applications

PROCESSING METHOD: Injection Molding

QUALITATIVE				
Test	Conditions	Method	Value	Unit
Basic				
Density	23 °C	ISO 1183	0.90	g/cm ³
Melt Flow Rate (MFR)	230°C/2.16 kg	ISO 1133	6.0	g/10-min
Mechanical				
Flexural Modulus	50-mm/min	ISO 178	1,500	MPa
Tensile Stress at Yield	50-mm/min	ISO R 527	34.0	MPa
Elongation at Yield	50-mm/min	ISO R 527	13	%
Izod Impact Strength notched	23 °C	ISO 180	4	kJ/m ²
Hardness Shore D	23 °C	ISO 868	71	points
Thermal				
Heat Deflection Temperature B	0.46 MPa Un-annealed	ISO 75B	115	°C
Vicat Softening Temperature	A50 (50°C/h 10N)	ISO 306A	155	°C
Accelerated oven ageing in air	(forced circulation) at 150°C	ISO 4577	360	hours

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

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