

Product Datasheet

Teldene H12M1

NATPET

Polypropylene
Homopolymer

TYPICAL APPLICATIONS

- ◆ Injection Molding
- ◆ Used for the production of Furniture, Crates, Closures, and Containers

KEY CHARACTERISTICS

- ◆ Good fluidity
- ◆ High Stiffness
- ◆ Food contact approval for specific applications (*refer to **NATPET***)

PROCESSING METHOD

Injection Molding

QUALITATIVE

Test	Conditions	Method	Value	Unit
Basic				
Density		ISO 1183	0.90	g/cm ³
Melt Flow Rate (MFR)	230°C/2.16 kg	ISO 1133	12	g/10-min
Melt Volume Flow Rate	230°C/2.16 kg	ISO 1133	16	cm ³ /10-min
Tensile Modulus	1-mm/min	ISO 527-1, -2	1,550	MPa
Tensile Stress at Yield	50-mm/min	ISO 527-1, -2	35.0	MPa
Tensile Strain at Break	50-mm/min	ISO 527-1, -2	> 50	%
Charpy un-notched Impact	0°C	ISO 179	30	kJ/m ²
Strength	23 °C	ISO 179	110	kJ/m ²

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

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