

Teldene® H12ML

Polypropylene Homopolymer
National Petrochemical Industries Company (NATPET)

Message:

Teldene® H12ML is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Africa & Middle East, Asia Pacific, or Europe for injection molding.

Important attributes of Teldene® H12ML are:

Food Contact Acceptable

Good Stiffness

Homopolymer

Typical applications include:

Containers

Caps/Lids/Closures

Furniture

General Information			
Features	Food Contact Acceptable		
	Good Flow		
	Good Stiffness		
	Homopolymer		
Uses	Closures		
	Containers		
	Crates		
	Furniture		
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	16.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1550	MPa	ISO 527-2/1
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Tensile Strain (Break)	> 50	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	30	kJ/m ²	
23°C	110	kJ/m ²	

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