

Teldene® H06ML

Polypropylene Homopolymer

National Petrochemical Industries Company (NATPET)

Message:

Typical Applications

Used for the production of consumer goods such as food containers, house wares, toys and garden furniture

Componets for appliances and parts for the automotive industry

Key Characteristics

Good flow properties, High stiffness, easy processing

Food contact approval for specific applications (refer to NATPET)

General Information			
Features	Rigidity, high		
	Homopolymer		
	Workability, good		
	Good liquidity		
	Compliance of Food Exposure		
Uses	Home appliance components		
	Furniture		
	Household goods		
	Application in Automobile Field		
	Food container		
	Toys		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	34.0	MPa	ISO 527-2/50
Fracture	24.0	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)	4.4	kJ/m ²	ISO 180

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	115	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A50
Extrusion	Nominal Value	Unit	
Melt Temperature	240 - 260	°C	

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