

# LUBAN™ 1100 M

Polypropylene Homopolymer

Oman Oil Refineries & Petroleum Industries Co. (Orpic)

## Message:

Luban polypropylene is manufactured using Novolen vertical stirred Gas-phase polymerization process.

1100M is a Homopolymer polypropylene injection molding grade.

Applications - General purpose injection molding, furniture, house-ware etc.

General Information			
Features	General Purpose		
	Homopolymer		
Uses	Furniture		
	General Purpose		
	Household Goods		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	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			ISO 527-2/50
Yield	9.0	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m <sup>2</sup>	ISO 179/1eA

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## Recommended distributors for this material

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