

# LUBAN™ 1125 N

Polypropylene Homopolymer

Oman Oil Refineries & Petroleum Industries Co. (Orpic)

## Message:

Luban polypropylene is manufactured using Novolen vertical stirred Gas-phase polymerization process.  
1125N is Homopolymer polypropylene designed for extrusion cast film. It contains a slip and anti-block additive package.  
Applications - Cast film.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Homopolymer		
	Slip		
Uses	Cast Film		
	Film		
Processing Method	Cast Film		
	Coextrusion		
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)	11	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2/1
Tensile Stress (Yield)	34.0	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)	3.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	120	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B

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