

LUBAN™ 1100 QC

Polypropylene Homopolymer
Oman Oil Refineries & Petroleum Industries Co. (Orpic)

Message:

Luban polypropylene is manufactured using Novolen vertical stirred Gas-phase polymerization process.
1100 QC is controlled rheology homopolymer polypropylene.
Applications -General purpose injection molding, Extrusion coating & lamination,

General Information			
Features	Controlled Rheology		
	General Purpose		
	Homopolymer		
Uses	Coating Applications		
	General Purpose		
	Laminates		
Forms	Pellets		
Processing Method	Extrusion Coating		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	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	8.0	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	110	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength (23°C)	2.5	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B

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