

LUBAN™ 1128 N

Polypropylene Homopolymer

Oman Oil Refineries & Petroleum Industries Co. (Orpic)

Message:

Luban polypropylene is manufactured using Novolen vertical stirred gas-phase polymerization process. 1128 N is a homopolymer polypropylene with superior slip and antiblocking properties.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Homopolymer		
	Slip		
Uses	Cast Film		
	Film		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus			DIN 53121
Across Flow : 0.0500 mm	760	MPa	
Flow : 0.0500 mm	700	MPa	
Coefficient of Friction (vs. Itself - Dynamic)	0.18		DIN 53375
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Tensile Elongation			DIN 53455
Break, 50 µm, Cast Film	680	%	
TD : Break, 50 µm, Cast Film	720	%	
Dart Drop Impact ¹ (50 µm, Cast Film)	280	g	ASTM D1709
Trouser Tear Resistance			DIN 53455
MD : 50 µm, Cast Film	42.0	N/mm	
TD : 50 µm, Cast Film	38.0	N/mm	
Optical	Nominal Value	Unit	Test Method
Gloss (20°, 50.0 µm, Cast Film)	100		ISO 2813
Haze (50.0 µm, Cast Film)	2.7	%	ASTM D1003

NOTE

1. F50

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