

LUBAN 1100N

HOMOPOLYMER

Description

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

1100N is a Homopolymer polypropylene.

Applications – General injection molding, closures, furniture, house-ware.

Properties (Typical Values)

Property	Units	Test method	Value*
Melt flow rate (230 °C/2.16 kg)	g /10 min	ISO 1133	12
Density	g /cm ³	ISO 1183	0.91
Tensile modulus (1 mm/min)	MPa	ISO 527-2	1550
Tensile stress at yield (50 mm/min)	MPa	ISO 527-2	35
Tensile strain at yield (50 mm/min)	%	ISO 527-2	8
Tensile strain at break (50 mm/min)	%	ISO 527-2	> 50
Charpy unnotched impact strength (+23 °C)	kJ/m ²	ISO 179/1eU	110
Charpy notched impact strength (+23 °C)	kJ/m ²	ISO 179/1eA	3
Izod notched impact strength (+23 °C)	KJ/ m ²	ISO 180/1A	3
Heat Deflection Temperature (0.45 MPa)	°C	ISO 75-2	85

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