

LUBAN 1125N

HOMOPOLYMER

Description

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.

Properties (Typical Values)

Property	Units	Test method	Value*
Melt flow rate (230 °C/2.16 kg)	g /10 min	ISO 1133	10.5
Density	g /cm ³	ISO 1183	0.91
Tensile modulus (1 mm/min)	MPa	ISO 527-2	1500
Tensile stress at yield (50 mm/min)	MPa	ISO 527-2	34
Tensile strain at yield (50 mm/min)	%	ISO 527-2	9
Tensile strain at break (50 mm/min)	%	ISO 527-2	> 50
Charpy unnotched impact strength (+23 °C)	kJ/m ²	ISO 179/1eU	115
Charpy notched impact strength (+23 °C)	kJ/m ²	ISO 179/1eA	3
Heat Deflection Temperature (0.45 MPa)	°C	ISO 75-2	85

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