

# Provisional Data Sheet



## LUBAN 1102 MBF

### HOMOPOLYMER

#### Description

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

1102MBF is a homopolymer polypropylene without slip and antiblocking additives and is suitable for metallisable film.

**Applications** – Cast film

#### Properties (Typical Values)

Property	Units	Test method	Value*
Melt flow rate (230°C/2.16 kg)	g /10 min	ISO 1133	8
Density	g /cm <sup>3</sup>	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	35
Tensile strain at yield (50 mm/min)	%	ISO 527-2	9
Tensile strain at break (50 mm/min)	%	ISO 527-2	>50
Charpy impact strength Notched (+23°C)	KJ/m <sup>2</sup>	ISO 179/1eA	3.5
Charpy impact strength Notched (-30°C)			1.6
Heat Deflection Temperature (0.45 MPa)	°C	ISO 75-2	85

#### Film Properties (Cast Film, 50 µm)

Haze	%	ASTM D 1003	0.5
Dart drop impact strength F50	g	ASTM D 1709	330

March 2008

Values given here are typical and should not be interpreted as specification.

In a view of many factors that may affect processing and application, these data do not relieve the receiver of this information from the responsibility of carry out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose of the products made with or on the basis of the information in this publication.