

# LUBAN 1104KTI

*HOMOPOLYMER*

## Description

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

1104KTI is Homopolymer polypropylene & is suitable for metallisable film.

**Applications** – Core layer in BOPP film.

## Properties (Typical Values)

Property	Units	Test method	Value*
Melt flow rate (230 °C/2.16 kg)	g /10 min	ISO 1133	3.3
Density	g /cm <sup>3</sup>	ISO 1183	0.91
Tensile modulus (1 mm/min)	MPa	ISO 527-2	1450
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 <sup>2</sup>	ISO 179/1eU	190
Charpy notched impact strength (+23 °C)	kJ/m <sup>2</sup>	ISO 179/1eA	4
Heat Deflection Temperature (0.45 MPa)	°C	ISO 75-2	85

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