

Provisional Data Sheet



LUBAN 1102 KQH *HOMOPOLYMER*

Description

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

1102 KQH is a homopolymer polypropylene designed for high speed extrusion lines to manufacture stretch tapes, with low water carry over and low shrinkage.

Applications – Tape yarn, Raffia, Thermoforming,

Properties (Typical Values)

Property	Units	Test method	Value*
Melt flow rate (230°C/2.16 kg)	g /10 min	ISO 1133	4.5
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	190
Charpy notched impact strength (+23°C)	kJ/m ²	ISO 179/1eA	4
Heat Deflection Temperature (0.45 MPa)	°C	ISO 75-2	85

March 2007

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.