

LUBAN 1102KQH

HOMOPOLYMER

Description

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

1102KQH is Homopolymer polypropylene designed for high speed extrusion lines to manufactured 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 un-notched 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

* Values given here are typical and should not be interpreted as specification. Before using ORPIC product, customers and other users should make their own independent determination that the product is suitable for the intended use. This document does not constitute a warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose. In addition, no immunity under ORPIC or third parties' intellectual property rights shall be implied from this document. No one is authorized to make any warranties, issue any immunities or assume any liabilities on behalf of ORPIC except in a writing signed by an authorized ORPIC employee. Unless otherwise agreed in writing, the exclusive remedy for all claims is replacement of the product or refund of the purchase price at ORPIC's option, and in no event shall ORPIC be liable for special, consequential, incidental, punitive or exemplary damages.

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