

LUBAN 1102 K

HOMOPOLYMER

Description

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

1102 K is a homopolymer polypropylene with low water carry over.

Applications – Raffia, thermoforming.

Properties (Typical Values)

| Property | Units | Test method | Value* |
|--|--------------------|-------------|--------|
| Melt flow rate (230°C/2.16 kg) | g /10 min | ISO 1133 | 3.4 |
| 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 |

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

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