# **HOPELEN Y-120**

## Polypropylene Homopolymer Lotte Chemical Corporation

#### Message:

Y-120 is a propylene homopolymer designed for stretched products such as flat yarn It is a low flow rate resin with a broad molecular weight distribution. It complies with FDA regulation.

Low Flow MedWide Molecular Weight Distrib.  Uses  Bags BCF Yarn Food Packaging Industrial Applications Rope Tape  FDA Unspecified Rating Processing Method Vacuum Forming Physical Nominal Value Unit Test Method Specific Gravity 0,900 g/cm³ ASTM D792  Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) 1,0 g/10 min ASTM D792  Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) 1,0 g/10 min ASTM D792  Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) 1,0 g/10 min ASTM D792  Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) 1,0 g/10 min ASTM D785  Mechanical Nominal Value Unit Test Method Test Method Tensile Strength (Yield) 36.3 MPa ASTM D785  Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 36.3 MPa ASTM D638 Flexural Modulus 1620 MPa ASTM D638 Flexural Modulus 1620 MPa ASTM D790 Impact Nominal Value Unit Test Method Notched Izod Impact (23°C) 46 J/m ASTM D256 Thermal Nominal Value Unit Test Method Deflection Temperature Under Load (0.45 MPa Unannealed) 117	General Information			
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	Deflection Temperature Under Load (0.45 MPa. Unannealed)	117	°C	ASTM D648
	Vicat Softening Temperature	153	°C	ASTM D1525

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