

HOPELEN Y-120A

Polypropylene Homopolymer

Lotte Chemical Corporation

Message:

Y-120A 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.
This is added the UV Stabilizer to use in the outdoor products

General Information			
Additive	UV Stabilizer		
Features	Homopolymer		
	Low Flow		
	Med.-Wide Molecular Weight Distrib.		
Uses	Bags		
	BCF Yarn		
	Food Packaging		
	Industrial Applications		
	Rope		
	Tape		
Agency Ratings	FDA Unspecified Rating		
Processing Method	Vacuum Forming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.3	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	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	°C	ASTM D648
Vicat Softening Temperature	153	°C	ASTM D1525

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