

YUCLAIR® JL210

Linear Low Density Polyethylene
SK Global Chemical

Message:

YUCLAIR JL210 is linear low density polyethylene resin for general injection molding application. It offers excellent processability and flexibility. This resin is particularly suitable for the production of lids.

General Information			
Features	Good Flexibility		
	Good Processability		
Uses	Lids		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	52		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	245	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD			ASTM D882
Yield	14.7	MPa	
Break	11.8	MPa	
Tensile Elongation - MD (Break)	600	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	90.0	°C	ASTM D1525

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