

# NOVAPOL® LM-0724-A

Low Density Polyethylene

NOVA Chemicals

## Message:

NOVAPOL® LM-0724-A is a Low Density Polyethylene material. It is available in North America for injection molding.

Important attributes of NOVAPOL® LM-0724-A are:

Food Contact Acceptable

Good Dimensional Stability

Good Processability

Good Stiffness

Good Toughness

Typical applications include:

Caps/Lids/Closures

Food Contact Applications

General Information			
Features	Food Contact Acceptable		
	Good Dimensional Stability		
	Good Processability		
	Good Stiffness		
	Good Toughness		
Uses	Caps		
	Closures		
Agency Ratings	FDA 21 CFR 177.1520(c) 2.2		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.924	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	54		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Yield	12.0	MPa	
Break	11.0	MPa	
Tensile Elongation <sup>2</sup> (Break)	500	%	ASTM D638
Flexural Modulus			
1% Secant	345	MPa	ASTM D790
2% Secant	305	MPa	ASTM D3350
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	97.0	°C	ASTM D1525

## NOTE

- |    |           |
|----|-----------|
| 1. | 50 mm/min |
| 2. | 50 mm/min |

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## Recommended distributors for this material

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