

# NOVAPOL® PI-2024-A

Linear Low Density Polyethylene

NOVA Chemicals

Message:

Carrier resin for the following masterbatch applications:

- Colour
- Black
- White
- Additives

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Processability		
	Kosher Approved		
	Low Density		
Uses	Masterbatch		
	Non-specific Food Applications		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
Forms	Pellets		
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)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Yield, Compression Molded	13.1	MPa	
Break, Compression Molded	8.96	MPa	
Tensile Elongation <sup>2</sup>			ASTM D638
Yield, Compression Molded	12	%	
Break, Compression Molded	200	%	
Flexural Modulus - 1% Secant (Compression Molded)	415	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.1	°C	ASTM D1525
Melting Temperature	122	°C	

## NOTE

- |    |           |
|----|-----------|
| 1. | 51 mm/min |
| 2. | 51 mm/min |

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## Recommended distributors for this material

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