



## APPLICATION:

- . Packaging production
- . Pipes and Fittings
- . Building Components
- . Consumer Products
- . Household items
- . Automotive Industry

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
Mass Flow Rate (MFR)	PN-EN ISO 1133	g/10 min	1.13
Melt Volume Rate (MVR)	PN-EN ISO 1133	cm <sup>3</sup> /10 min	1.43
Density	PN-EN ISO 1183-1	g/cm <sup>3</sup>	0.955
Bulk Density	PN-EN ISO 60	g/cm <sup>3</sup>	0.488
Elastic Modulus	PN-EN ISO 527-1,2	MPa	304
Tensile Strength	PN-EN ISO 527-1,2	MPa	14.5
Elongation at Tensile Strength	PN-EN ISO 527-1,2	%	310
Stress at Break	PN-EN ISO 527-1,2	MPa	13.1
Elongation at Break	PN-EN ISO 527-1,2	%	320
Flexural Modulus	PN-EN ISO 178	MPa	265
Charpy Impact Strength	PN EN ISO 179-1	P*kJ/m <sup>2</sup>	77.92
Izod Impact Strength	PN-EN ISO 180	N* kJ/m <sup>2</sup>	53.21
Rockwell Hardness	PN-EN ISO 2039-2	Scale R	25.6
Melting Temperature	PN-EN ISO 11357-1	°C	122.40
Heat Deflection Temperature (Method A)	PN-EN ISO 75-1,2	°C	41.0
Vicat Softening Temperature (A50)	PN-EN ISO 306	°C	103.6
Vicat Softening Temperature (B50)	PN-EN ISO 306	°C	47.5

### STORAGE & HANDLING

Needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions,

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**FlexFilms**

Manufacturing Facilities at  
India | UAE | Poland | Egypt | Mexico |  
USA | Hungary | Russia | Nigeria  
✉ enquiry@flexfilm.com  
🌐 www.flexfilm.com