

Technical Data Sheet

**Rxloy TC-NEV00NR01NA**

Polyethylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

Material Status	• Commercial: Active		
Availability	• Latin America	• North America	
Features	• High Clarity		
Uses	• Medical/Healthcare Applications	• Tubing	
Appearance	• Natural Color		
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1500 psi	10.3 MPa	ASTM D638
Tensile Elongation (Break)	200 %	200 %	ASTM D638
Flexural Modulus	12000 psi	82.7 MPa	ASTM D790
Flexural Strength (Yield)	650 psi	4.48 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness			ASTM D2240
Shore A	93	93	
Shore D	40	40	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	150 °F	65.6 °C	ASTM D1525

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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