

Technical Data Sheet

RxLOY™ TC-NEV00NR01NA

Polyethylene Copolymer
Engineering Plastics

General	
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
Molding Shrinkage - Flow	0.016 in/in	1.6 %	ASTM D955

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.