

Technical Data Sheet

Rxloy FFS-NPP00NP03NA

Polypropylene Alloy
LyondellBasell Industries
Engineering Plastics

General			
Features	- Ethylene Oxide Sterilizable - Good Flexibility - Radiation Sterilizable - Steam Sterilizable		
Uses	- Medical/Healthcare Applications - Packaging		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	- Blow Molding - Film Extrusion		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.900	0.898 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	4.3 g/10 min	4.3 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1650 psi	11.4 MPa	ASTM D638
Tensile Elongation (Break)	420 %	420 %	ASTM D638
Flexural Modulus	54000 psi	372 MPa	ASTM D790
Flexural Strength (Yield)	2200 psi	15.2 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	55	55	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	220 °F	104 °C	ASTM D1525

Notes

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