Technical Data Sheet

Rxloy FFS-NPP00NP01NA

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)	2230 psi	15.4 MPa	ASTM D638
Tensile Elongation (Break)	320 %	320 %	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.