

Technical Data Sheet

Rxloy FFS-NPP00NP03NA

Polypropylene Alloy
LyondellBasell Industries
Engineering Plastics

General		
Features	<ul style="list-style-type: none"> Ethylene Oxide Sterilizable Good Flexibility 	<ul style="list-style-type: none"> Radiation Sterilizable Steam Sterilizable
Uses	<ul style="list-style-type: none"> Medical/Healthcare Applications 	<ul style="list-style-type: none"> Packaging
Appearance	<ul style="list-style-type: none"> Natural Color 	
Forms	<ul style="list-style-type: none"> Pellets 	
Processing Method	<ul style="list-style-type: none"> Blow Molding 	<ul style="list-style-type: none"> Film Extrusion

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.900	0.898 g/cm ³	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.