

Technical Data Sheet

Rxloy NPP00NP03NA

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.910	0.908 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	2.5 g/10 min	2.5 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield, 73°F (23°C))	1700 psi	11.7 MPa	ASTM D638
Tensile Elongation (Break, 73°F (23°C))	400 %	400 %	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F (23°C)	18000 psi	124 MPa	
Tangent : 73°F (23°C)	25000 psi	172 MPa	
Flexural Strength (Yield, 73°F (23°C))	1400 psi	9.65 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	No Break	No Break	ASTM D256
Unnotched Izod Impact (73°F (23°C))	No Break	No Break	ASTM D4812
Gardner Impact	> 320 in·lb	> 36.2 J	ASTM D5420
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	284 °F	140 °C	ASTM D1525

Notes

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