

ExxonMobil™ PP9513

Polypropylene Random Copolymer

Product Description

A random copolymer resin designed for non-oriented film.

General

Features	- Controlled Rheology - Ethylene Oxide Sterilizable
Uses	- Bags - Heavy-duty Bags - Cast Film - Packaging
Appearance	Natural Color
Form(s)	Pellets
Processing Method	Cast Film

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.3 g/10 min	7.3 g/10 min	ASTM D1238
Density	0.900 g/cm ³	0.900 g/cm ³	ExxonMobil Method

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield			ASTM D638
2.0 in/min (51 mm/min)	3720 psi	25.6 MPa	
Elongation at Yield (2.0 in/min (51 mm/min))	13 %	13 %	ASTM D638
Flexural Modulus - 1% Secant			
0.051 in/min (1.3 mm/min)	130000 psi	896 MPa	ASTM D790A
0.51 in/min (13 mm/min)	153000 psi	1050 MPa	ASTM D790B

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Notched Izod Impact (73°F (23°C))	0.96 ft-lb/in	51 J/m	ASTM D256A

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Deflection Temperature Under Load (DTUL) at 66psi - Unannealed	162 °F	72.1 °C	ASTM D648

