Product Datasheet

ExxonMobil Signature Polymers

Exceed™ PP9513

Polypropylene Random Copolymer

Product Description

A random copolymer resin designed for non-oriented film.

General

Availability [1]	▪ North America	
Features	▪ Controlled Rheology	▪ Ethylene Oxide Sterilizable
Uses	▪ Bags ▪ Cast Film	▪ Heavy-duty Bags ▪ Packaging
Appearance	▪ Natural Color	
Form(s)	▪ Pellets	
Processing Method	▪ Cast Film	
Revision Date	▪ 03/01/2011	

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/cm³	0.900	g/cm³	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

Legal Statement

This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Notes

Typical properties: these are not to be construed as specifications.

[1] Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

Manufacturer website: https://www.exxonmobilchemical.com/en/products/polyethylene

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For additional technical, sales and order assistance: Contact Us

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