Product Datasheet

ExxonMobil Signature Polymers

ExxonMobil™ C4LL 20025.17

C4 Linear Low Density Polyethylene

Product Description

ExxonMobil™ C4LL 20025.17 is a narrow molecular weight butene copolymer designed for applications that require easy processability. This resin offers outstanding toughness and tear resistance in freezer applicationsfor food packaging.

General

Availability [1]	▪ Latin America	▪ North America	
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Closures and Dispensers	▪ Housewares	▪ Protective Caps
Form(s)	▪ Pellets		
Revision Date	▪ 06/11/2020		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.925	g/cm³	0.925	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	20	g/10 min	20	g/10 min	ASTM D1238
Peak Melting Temperature	250	°F	121	°C	ExxonMobil Method

Thermal	Typical Value (English)		Typical Value (SI)		Test Based On
Vicat Softening Temperature	189	°F	87.0	°C	ExxonMobil Method

Molded Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Tensile Strength at Yield	1900	psi	13	MPa	ExxonMobil Method
Elongation at Break	360	%	360	%	ExxonMobil Method
Flexural Modulus					ExxonMobil Method
1% Secant : Procedure B	69000	psi	480	MPa	
2% Secant : Procedure B	60000	psi	410	MPa	
Environmental Stress-Crack Resistance					ExxonMobil Method
Condition B, 10% Igepal, F50	110	hr	110	hr	

Legal Statement

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

This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

All physical properties were measured on compression molded specimens.

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