

Exceed™ m 19018IM

(Legacy name: Exceed™ 00191M)

Metallocene Polyethylene

Product Description

Exceed™ m 19018IM resin is a narrow molecular weight ethylene 1-hexene copolymer designed for injection molding applications that require easy processability. This resin offers outstanding organoleptic properties and excellent toughness and tear resistance in freezer applications for food packaging.

General

Availability ¹	<ul style="list-style-type: none"> ▪ Africa & Middle East ▪ Asia Pacific 	<ul style="list-style-type: none"> ▪ Europe ▪ Latin America 	<ul style="list-style-type: none"> ▪ North America
Additive	<ul style="list-style-type: none"> ▪ Thermal Stabilizer: Yes 		
Applications	<ul style="list-style-type: none"> ▪ Closures ▪ Dispensers ▪ Housewares 	<ul style="list-style-type: none"> ▪ Kitchenwares ▪ Lids ▪ Protective Caps 	<ul style="list-style-type: none"> ▪ Seals
Form(s)	<ul style="list-style-type: none"> ▪ Pellets 		
Revision Date	<ul style="list-style-type: none"> ▪ 06/03/2020 		

Resin Properties

	Typical Value (English)	Typical Value (SI)	Test Based On
Density / Specific Gravity	0.918 g/cm ³	0.918 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	19 g/10 min	19 g/10 min	ASTM D1238
Peak Melting Temperature	235 °F	113 °C	ExxonMobil Method

Thermal

	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	203 °F	95.0 °C	ExxonMobil Method

Molded Properties

	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield 2.0 in/min (50 mm/min)	1600 psi	11 MPa	ExxonMobil Method
Elongation at Break (2.0 in/min (50 mm/min))	720 %	720 %	ExxonMobil Method
Flexural Modulus 1% Secant : Procedure B	53000 psi	370 MPa	ExxonMobil Method
2% Secant : Procedure B	47000 psi	320 MPa	ExxonMobil Method
Environmental Stress-Crack Resistance Condition B, 10% Igepal, F50	20 hr	20 hr	ExxonMobil Method

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.

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