

Exceed™ 0019 IM

Metallocene Polyethylene Resin

Product Description

Exceed 0019 IM is a narrow molecular weight Metallocene Ethylene-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
Revision Date	<ul style="list-style-type: none"> 06/22/2015 		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.918 g/cm ³	0.918 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	19 g/10 min	19 g/10 min	ASTM D1238

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	203 °F	95 °C	ASTM D1525
Peak Melting Temperature	237 °F	114 °C	ASTM D3418

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield 2.0 in/min (50 mm/min)	1500 psi	10 MPa	ASTM D638
Elongation at Break	690 %	690 %	ExxonMobil Method
Flexural Modulus 1% Secant 2% Secant	51000 psi 45000 psi	350 MPa 310 MPa	ASTM D790
Environmental Stress-Crack Resistance 10% Igepal, F50	10 hr	10 hr	ASTM D1693B

Additional Information

- Properties are based on compression molded samples.
- Test procedures may be modified to accommodate operating conditions or facility limitations.
- Tensile Strength at Yield and Elongation at Break tested using ASTM D638 Type IV, 50 mm/min.

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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