

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

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| 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 |
|--------------|--|---|---|

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			ASTM D790
1% Secant	51000 psi	350 MPa	
2% Secant	45000 psi	310 MPa	
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.