

Exact™ 3139

Ethylene-based Plastomer Resin
ExxonMobil Chemical

Message:

EXACT 3139 is an ethylene-based hexene copolymer produced by ExxonMobil Chemical's EXXPOL® Catalyst Technology. EXACT 3139 is designed for both monolayer and multilayer coextruded cast film applications requiring excellent toughness and heat seal performance. Typical applications include food packaging seal layers and lamination films.

General Information			
Additive	heat stabilizer		
Forms	Particle		
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	67.5	MPa	ASTM D882
1% secant, TD	76.0	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	5.25	MPa	ASTM D882
TD: Yield	4.48	MPa	ASTM D882
MD: Fracture	65.8	MPa	ASTM D882
TD: Fracture	55.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Yield	10	%	ASTM D882
TD: Yield	8.1	%	ASTM D882
MD: Fracture	530	%	ASTM D882
TD: Fracture	700	%	ASTM D882
Dart Drop Impact	240	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	350	g	ASTM D1922
TD	640	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	80.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	92		ASTM D2457
Haze	0.50	%	ASTM D1003
Legal statement			

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