

# Exact™ 3027

Ethylene-based Plastomer Resin  
ExxonMobil Chemical

## Message:

EXACT 3027 is an ethylene-based butene plastomer produced using ExxonMobil Chemical's EXXPOL® Catalyst Technology. EXACT 3027 is designed for both monolayer and multilayer coextruded cast film applications requiring excellent toughness and heat sealing performance. Typical applications include seal layers for meat, poultry, and cheese packaging, lamination films, heavy duty bags, and cereal box liner packaging.

General Information			
Additive	heat stabilizer		
Forms	Particle		
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	67.1	MPa	ASTM D882
1% secant, TD	78.7	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	6.25	MPa	ASTM D882
TD: Yield	4.35	MPa	ASTM D882
MD: Fracture	57.1	MPa	ASTM D882
TD: Fracture	35.8	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Yield	11	%	ASTM D882
TD: Yield	7.9	%	ASTM D882
MD: Fracture	490	%	ASTM D882
TD: Fracture	810	%	ASTM D882
Dart Drop Impact	120	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	54	g	ASTM D1922
TD	230	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°)	94		ASTM D2457
Haze	0.40	%	ASTM D1003
Legal statement			

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