

# Exact™ 4160 Series

Ethylene-based Plastomer Resin

ExxonMobil Chemical

## Message:

EXACT 4160 resins are ethylene-based hexene plastomers produced using ExxonMobil Chemical's EXXPOL® Catalyst Technology. These resins are designed for blown film applications requiring high impact and puncture resistance. They also exhibit excellent heat sealing performance.

General Information			
Forms	Particle		
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	57.5	MPa	ASTM D882
1% secant, TD	64.3	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	4.57	MPa	ASTM D882
TD: Yield	4.08	MPa	ASTM D882
MD: Fracture	65.2	MPa	ASTM D882
TD: Fracture	72.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Yield	11	%	ASTM D882
TD: Yield	9.4	%	ASTM D882
MD: Fracture	430	%	ASTM D882
TD: Fracture	620	%	ASTM D882
Dart Drop Impact	1200	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	150	g	ASTM D1922
TD	280	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	79.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	89		ASTM D2457
Haze	1.1	%	ASTM D1003
Legal statement			

本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.

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