

# Exact™ 3131

Ethylene-based Plastomer Resin

ExxonMobil Chemical

## Message:

EXACT 3131 is an ethylene-based hexene plastomer produced using ExxonMobil Chemical's EXXPOL® Catalyst Technology. EXACT 3131 is designed for both monolayer and multilayer coextruded cast film applications requiring excellent toughness and heat sealing performance. Typical applications include heat seal layers in food packaging.

General Information			
Additive	heat stabilizer		
Forms	Particle		
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	67.4	MPa	ASTM D882
1% secant, TD	74.7	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	5.22	MPa	ASTM D882
TD: Yield	4.54	MPa	ASTM D882
MD: Fracture	73.7	MPa	ASTM D882
TD: Fracture	60.8	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Yield	10	%	ASTM D882
TD: Yield	8.5	%	ASTM D882
MD: Fracture	460	%	ASTM D882
TD: Fracture	630	%	ASTM D882
Dart Drop Impact	1000	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	170	g	ASTM D1922
TD	350	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	83.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	93		ASTM D2457
Haze	0.40	%	ASTM D1003
Legal statement			

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# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

