

## ExxonMobil Exact™ 9371 Ethylene-based Plastomer Resin

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

**Product Description:** Exact 9371 plastomer is an ethylene butene copolymer produced using ExxonMobil Chemical's EXXPOL™ Technology, exhibiting both plastic and elastomeric properties. **Key Features:** PP/TPO modification. EVA modification. Designed as a low density and high molecular weight polymer modifier to impart impact strength and toughness. Available as free flowing pellets. **Availability:** Africa & Middle East, Europe, North America, Asia Pacific, Latin America and South America. All physical properties were measured from specimens cut from compression molded plaques per ASTM D 4703, Procedure A, Type I and conditioned at 23°C for a minimum of 40 hours per ASTM D 618 prior to testing. All stress/strain tests used specimens cut with a Type IV (Die C) die and tested with a grip separation of 25 mm (1") and a crosshead speed of 20 in./min. Information provided by ExxonMobil Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Exact-9371-Ethylene-based-Plastomer-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-Exact-9371-Ethylene-based-Plastomer-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.872 g/cc	0.872 g/cc	ASTM D1505
Melt Flow	4.5 g/10 min	4.5 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	4.5 g/10 min	4.5 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64	64	0.12 in; ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	2.20 MPa	319 psi	ASTM D412 and ISO 37
Tensile Stress	1.90 MPa	276 psi	ASTM D412 and ISO 37
	@Strain 100 %	@Strain 100 %	
Elongation at Break	1200 %	1200 %	ASTM D412 and ISO 37
Flexural Modulus, 1% Secant	9.70 MPa	1410 psi	ASTM D790 and ISO 178

Thermal Properties	Metric	English	Comments
Heat of Fusion	50.0 J/g	21.5 BTU/lb	Crystallinity; ExxonMobil Method
Melting Point	55.0 °C	131 °F	Peak; ExxonMobil Method
Crystallization Temperature	38.0 °C	100 °F	ExxonMobil Method

Thermal Properties Heat Softening Point	Metric 307.0 °C	English 584.6 °F	Comments ASTM D1525 and ISO 306/A
Glass Transition Temp, Tg	-45.0 °C	-49.0 °F	ExxonMobil Method

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China