

Royalene® 645

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

Message:

- A High Performance Sponge Polymer
- Unique Features
- Very high Molecular weight
- Ultra fast curing
- Improved abrasion resistance
- High tensile strength and high tear resistance
- High wrinkle resistance while maintaining soft compression deflection
- Excellent green strength for extruded profile shape stability
- Rapid Banbury mixing and excellent dispersion properties
- Extended with a white, hydrotreated paraffinic oil
- Applications
- TPO and TPV
- Automotive closed cell sponge extrusions and molded sponge corners
- Closed cell sheet sponge
- Dynamic applications

General Information			
Features	Good Green Strength		
	Ultra high molecular weight		
	Oil-filled		
	High tensile strength		
	Fast curing		
	Good tear strength		
	Good wear resistance		
	Medium wide molecular weight distribution		
Uses	Mixing		
	Application in Automobile Field		
	Profile		
Appearance	White-like		
Forms	bag		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.880	g/cm ³	ASTM D792
Mooney Viscosity ¹ (ML 1+4, 125°C)	48	MU	Internal method
Ethylidene Norbornene (ENB) Content	8.5	wt%	Internal method
Oil Type (Paraffinic Oil)	75.0	phr	Internal method
Stabilizer	Non-staining		

Molecular Weight Distribution	Medium	Internal method
Volatile Matter	wt%	Internal method
Additional Information		
E/P weight ratio, internal standard ZS 1231: 66/34		
NOTE		
1.	Unmilled	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


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



WECHAT