

Royalene® 511

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

Message:

An Excellent Low Viscosity Polymer for High Quality Mechanical Goods

Unique Features

Low Mooney viscosity

Excellent processing characteristics

Blends easily in all formulations

Outstanding low temperature properties

Excellent weathering

Applications

Automotive parts such as brake system components

Mechanical goods

Press molded sponge

Viscosity index improver in Lubricant oils

General Information			
Features	Low viscosity		
	Workability, good		
	Low temperature resistance		
	Good weather resistance		
	Medium wide molecular weight distribution		
Uses	Mixing		
	Machine/mechanical parts		
	Application in Automobile Field		
Agency Ratings	FDA 21 CFR 177.2600		
	FDA not rated		
Appearance	White-like		
Forms	bag		
Processing Method	Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.860	g/cm ³	ASTM D792
Mooney Viscosity ¹ (ML 1+4, 100°C)	45	MU	Internal method
Ethylidene Norbornene (ENB) Content	4.6	wt%	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: 57/43			
NOTE			

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