

# Royalene® 535

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

## Message:

An Ultra Fast Curing Polymer Designed for Automotive Sponge and Dense Moldings and Tire Applications

Unique Features

Low Mooney Viscosity for excellent mold flow

Ultra fast curing

Blends readily with SBR, NR and other diene polymers to provide weathering resistance

Non-staining

Provides excellent low temperature flexibility properties

Easy mixing and processing

Applications

Automotive molded sponge and dense assembly corners

Closed cell sheet sponge

Non-bulbular closed cell sponge extrusions requiring very low load deflection properties

Tire components, such as coverstrips, white sidewalls and black sidewalls, in blends with diene polymers

General Information			
Features	Flexibility at low temperatures		
	Low viscosity		
	Workability, good		
	Fast curing		
	Wide molecular weight distribution		
	Good liquidity		
	Good weather resistance		
Uses	Tires		
	Mixing		
	Application in Automobile Field		
Appearance	Amber		
Forms	bag		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.860	g/cm <sup>3</sup>	ASTM D792
Mooney Viscosity <sup>1</sup> (ML 1+4, 100°C)	51	MU	Internal method
Ethylidene Norbornene (ENB) Content	9.4	wt%	Internal method
Stabilizer	Non-staining		
Molecular Weight Distribution	Broad		Internal method
Additional Information			
E/P weight ratio, internal standard ZS 1231: 60/40			

## NOTE

1. Milled

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### Recommended distributors for this material

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