

# Royalene® 636

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

## Message:

An Ultra Fast Curing Polymer for Automotive Extrusions

Unique Features

High unsaturation-Ultra fast cure rate

Excellent compression set resistance in closed cell sponge extrusions

Excellent low temperature properties

Co-cures well with SBR

Non-staining

Friable bale form for rapid mixing in internal mixers and excellent dispersion properties

Excellent weathering resistance

Applications

Closed cell sponge profile extrusions

Closed cell sheet sponge

Automotive window channel extrusions

General Information			
Features	Oil-filled		
	Dispersible		
	Fast curing		
	Low temperature resistance		
	Good weather resistance		
	Medium wide molecular weight distribution		
Uses	Automotive Window Encapsulation		
	Mixing		
	Application in Automobile Field		
Appearance	White-like		
Forms	bag		
Processing Method	Extrusion		
	Profile extrusion 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, 125°C)	72	MU	Internal method
Ethylidene Norbornene (ENB) Content	9.5	wt%	Internal method
Oil Type (Paraffinic Oil)	15.0	phr	Internal method
Stabilizer	Non-staining		
Molecular Weight Distribution	Medium		Internal method
Volatile Matter		wt%	Internal method
Additional Information			

NOTE

1. Unmilled

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