

# Royalene® 580HT

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

## Message:

An Excellent Polymer for Heat Resistant Thermoset Applications and TPO Products

Unique Features

Excellent heat aging properties, especially with peroxide cures

Outstanding low temperature impact properties

Blends easily in all formulations

Excellent weathering

Applications

Automotive

Mechanical Goods

Hot Materials Belting

Blends with Butyl Rubber for Inner Tubes

TPO

Impact Modification of Plastics

General Information			
Features	Wide molecular weight distribution		
	Good heat aging resistance		
	Low temperature impact resistance		
	Good weather resistance		
Uses	Conveyor belt repair		
	Mixing		
	Machine/mechanical parts		
	Application in Automobile Field		
	Plastic modification		
Agency Ratings	FDA 21 CFR 177.2600		
	FDA not rated		
Appearance	White-like		
Forms	bag		
Processing Method	Extrusion		
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)	60	MU	Internal method
Ethylidene Norbornene (ENB) Content	2.7	wt%	Internal method
Stabilizer	Non-staining		
Molecular Weight Distribution	Broad		
Volatile Matter		wt%	Internal method
Additional Information			

NOTE

1. Milled

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