

# Royalene® 556

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

## Message:

- An Excellent Polymer for Hose and Extruded Profiles
- Unique Features
  - Excellent extrusion properties: low die swell, high extrusion rate
  - High green strength, excellent shape stability
  - Friable bale provides excellent dispersion
- Highly extendable
- Good low temperature properties
- Applications
  - Extruded Profiles
  - Hose
  - Molded Products

General Information			
Features	Good dimensional stability		
	Lower die-out expansion		
	Workability, good		
	Good strength		
	Low temperature resistance		
	Medium wide molecular weight distribution		
Uses	Pipe		
	Profile		
Agency Ratings	FDA 21 CFR 177.2600		
	FDA not rated		
Appearance	White-like		
Forms	bag		
Processing Method	Extrusion		
	Profile extrusion molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.870	g/cm <sup>3</sup>	ASTM D792
Mooney Viscosity <sup>1</sup> (ML 1+4, 125°C)	60	MU	Internal method
Ethylidene Norbornene (ENB) Content	4.5	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: 71/29

#### NOTE

1. Milled

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#### Recommended distributors for this material

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