

Royalene® 510

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

Message:

A High Ethylene Polymer with Good Green Strength for Wire and Cable and Extruded Profiles

Unique Features

Excellent Dry and Wet Electrical Stability

Highly Extendable

Very High Green Strength over a Broad Temperature Range

Applications

Flexible Cord and Ignition Wire Insulations

Automotive

Hose Tubes

Weatherstrip

Thermoplastics Compounds/TPV

General Information			
Features	Good strength		
	Good flexibility		
	Narrow molecular weight distribution		
Uses	Wire and cable applications		
	Pipe fittings		
	Insulating material		
	Weather-resistant sealing strip		
	Application in Automobile Field		
	Shell		
Agency Ratings	FDA 21 CFR 177.2600		
	FDA not rated		
Appearance	White-like		
Forms	bag		
Processing Method	Extrusion		
	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.860	g/cm ³	ASTM D792
Mooney Viscosity ¹ (ML 1+4, 125°C)	65	MU	Internal method
Ethylidene Norbornene (ENB) Content	4.5	wt%	Internal method
Stabilizer	Non-staining		
Molecular Weight Distribution	Narrow		Internal method
Volatile Matter		wt%	Internal method

Additional Information

E/P weight ratio, internal standard ZS 1231: 75/25

NOTE

1. Unmilled

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