



LION COPOLYMER, LLC

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**Proposed:**

## Royalene® 5010 EPDM

## Product Data

**“A High Ethylene Polymer with Good Green Strength  
for Wire & Cable and Extruded Profiles”**

### Unique Features

- Excellent dry and Wet Electrical Stability
- Highly Extendable
- Very High Green Strength over a Broad Temperature Range

### Applications

- Automotive
- Hose Tubes
- Weatherstrip
- Flexible Cord & Ignition Wire Insulations

### Raw Polymer Properties and Specifications

	Test Method*	Min.	Max.	Typical
Mooney Viscosity, ML(1+4)/125°C (Unmilled)	ZS1220B	60	70	---
E / P Weight Ratio	ZS1231	---	---	75 / 25
ENB, Weight %	ZS1222	---	---	4.5
Molecular Weight Distribution	ZS1296A	---	---	Medium
Volatile Matter Weight %	ZS 1008K	---	1.0	---
Ash, Weight %	ZS 1005	---	0.15	---
Stabilizer	---	---	---	Non-Staining
Specific Gravity, g / cc	ASTM D-792	---	---	0.86
Color	ZS 1072A	---	---	Off White
Physical Form, lbs. / Bale	---	---	---	55.1 (25kg) (Friable Bale)
Packaging, lbs. / skid (Net)	---	---	---	1322 (600 kg)

### \*Company Test Methods

R 5010 / SAM

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