



Lion Copolymer Geismar, LLC

36191 Highway 30 • Geismar, LA 70734
800 / 535-9960 • www.lionelastomers.com

Royalene® 510 EPDM

Product Data

"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

Raw Polymer Properties

	Test Method*	Typical
Mooney Viscosity, ML (1+4)/125°C (Unmilled)	ZS 1220B	65
E/P Weight Ratio.....	ZS 1231	75/25
ENB, Weight %	ZS 1222	4.5
Molecular Weight Distribution.....	ZS 1296A	Narrow
Volatile Matter, Weight %	ZS 1008K	1.0 Max.
Stabilizer	—	Non-Staining
Specific Gravity, g/cc.....	ASTM D-792	0.86
Color	ZS 1072A	Off-White
Physical Form, lbs/bale	—	55.1 (25 kg) Friable bale

* Company Test Methods

Royalene® 510 has FDA Compliance with several FDA titles, including 21CFR: §177.2600, rubber articles intended for repeated use. Consult the FDA title for use and restrictions. See also the Royalene FDA Summary for other FDA titles.

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