



Lion Copolymer Geismar, LLC

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Royalene® 511 EPDM

Product Data

PRODUCT PROPERTIES

" An Excellent Low Viscosity Polymer for
High Quality Mechanical Goods "

Unique Features

- ▶ Low Mooney viscosity
- ▶ Excellent processing characteristics
- ▶ Blends easily in all formulations
- ▶ Outstanding low temperature properties
- ▶ Excellent weathering

Applications

- ▶ Automotive parts such as brake system components
- ▶ Mechanical goods
- ▶ Press molded sponge
- ▶ Viscosity index improver in Lubricant oils

Raw Polymer Properties

	Test Method*	Typical
Mooney Viscosity, ML (1+4)/100°C (Unmilled)	ZS 1220B	45
E/P Weight Ratio.....	ZS 1231	57/43
ENB, Weight %	ZS 1222	4.6
Molecular Weight Distribution	ZS 1296A	Medium
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) (Dense bale)

* Company Test Methods

Royalene® 511 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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