



Lion Copolymer Geismar, LLC

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Royalene® 559 EPDM

Product Data

" An Excellent Calendering Polymer "

Unique Features

- ▶ Low ENB for good heat aging
- ▶ Molecular weight distribution designed for excellent milling and calendaring behavior

Applications

- ▶ Calendered Roof Sheeting and Belting
- ▶ Molded and Extruded Mechanical Goods

Raw Polymer Properties

	Test Method*	Typical
Mooney Viscosity, ML (1+4)/125°C (Unmilled)	ZS 1220B	61
E/P Weight Ratio.....	ZS 1231	69/31
ENB, Weight %	ZS 1222	2.3
Molecular Weight Distribution.....	ZS 1296A	Broad
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® 559 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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