



Lion Copolymer Geismar, LLC

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Royalene® 556 EPDM

Product Data

"An Excellent Polymer for Hose and Extruded Profiles "

Unique Features

- ▶ Excellent extrusion properties: low die swell, high extrusion rate
- ▶ High green strength, excellent shape stability
- ▶ Friable bale provides excellent dispersion
- ▶ Highly extendable
- ▶ Good low temperature properties

Applications

- ▶ Extruded Profiles
- ▶ Hose
- ▶ Molded Products

Raw Polymer Properties

	Test Method*	Typical
Mooney Viscosity, ML (1+4)/125°C (Milled)	ZS 1223B	60
E/P Weight Ratio.....	ZS 1231	71/29
ENB, Weight %	ZS 1222	4.5
Molecular Weight Distribution.....	ZS 1296A	Medium
Volatile Matter, Weight %.....	ZS 1008K	1.0 Max.
Stabilizer	—	Non-Staining
Specific Gravity, g/cc.....	ASTM D-792	0.87
Color	ZS 1072A	Off White
Physical Form, lbs/bale	—	55.1 (25 kg) (Friable bale)

* Company Test Methods

Royalene® 556 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.

Royalene 556

HWY 5/18

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