



Lion Copolymer Geismar, LLC

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RoyalEdge® 5041 EPDM

Product Data

"A High Ethylene, Low Viscosity Polymer with High Green Strength for Wire and Cable Applications "

Unique Features

- ▶ Excellent processing at low filler loadings without oil
- ▶ Excellent wet electrical stability

Applications

- ▶ Medium to high voltage insulations
- ▶ Molded electrical components
- ▶ Automotive ignition wire

Raw Polymer Properties

	Test Method*	Typical
Mooney Viscosity, ML (1+4)/125°C (Unmilled)	ZS1220B	26
E/P Weight Ratio.....	ZS 1231	75/25
DCPD, Weight %	ZS 1222	2.8
Molecular Weight Distribution	ZS 1296A	Very Broad
Volatile Matter, Weight %.....	ZS 1008K	0.30 Max.
Stabilizer	—	Non-Staining
Specific Gravity, g/cc	ASTM D-792	0.87
Color	ZS 1072A	Off White
Physical Form 1/8 inch (3 mm) Pellets	—	Free Flowing Pellets
Packaging (Bag), lbs./bag.....	—	50 (23 kg)

* Company Test Methods

RoyalEdge® 5041 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.

RoyalEdge 5041-LE

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