



Lion Copolymer Geismar, LLC

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RoyalEdge® 5040 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 (Milled) | ZS 1223B | 30 |
| 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 | 1.0 Max. |
| Stabilizer | — | Non-Staining |
| Specific Gravity, g/cc..... | ASTM D-792 | 0.87 |
| Color | ZS 1072A | Off White |
| Physical Form | — | Friable Bales |
| Packaging (Bag), lbs./bale | — | 55.1 (25 kg) |

* Company Test Methods

RoyalEdge® 5040 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 5040-LE (Friable)

ASP-R269D3
Rcv-3/2018

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