



5955 Scenic Highway • Baton Rouge, LA 70805-2044
800 / 535-9960 • www.lioncopolymer.com

RoyalEdge[®] 4191P-1 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	24
E/P Weight Ratio.....	ZS 1231	75/25
DCPD, Weight %	ZS 1222	1.5
Molecular Weight Distribution	ZS 1296A	Very Broad
Volatile Matter, Weight %.....	ZS 1008K	0.30 Max.
Ash, Weight %	ZS 1005	0.6 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[®] 4191P-1 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.

R-4191P/mef

ASP-R269E
tlj/rfo-10/2013

Notice: All information supplied by or on behalf of Lion Copolymer in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and believed reliable, but Lion Copolymer assumes no liability whatsoever in respect of application, processing or use made of the aforementioned information or products, or any consequence thereof. The buyer undertakes all liability in respect of the application, processing or use made of the aforementioned information or product, whose quality and other properties he shall verify, or any consequence thereof. No liability whatsoever shall attach to Lion Copolymer for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or use of the aforementioned information or products by the buyer.