



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

RoyalEdge[®] 4345F 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 and Specifications

	Test Method*	Min.	Max.	Typical
Mooney Viscosity, ML (1+4)/125°C (Milled)	ZS 1223B	25	35	—
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	—	1.25	—
Ash, Weight %	ZS 1005	—	0.15	—
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)
Packaging, lbs/skid (Net)	—	—	—	1653 (750 kg)

* Company Test Methods
 R-4345/mef

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