



Lion Copolymer Geismar, LLC

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# Royalene® 535 EPDM

# Product Data

"An Ultra Fast Curing Polymer Designed for  
Automotive Sponge and Dense Moldings and Tire Applications "

### Unique Features

- ▶ Low Mooney Viscosity for excellent mold flow
- ▶ Ultra fast curing
- ▶ Blends readily with SBR, NR and other diene polymers to provide weathering resistance
- ▶ Non-staining
- ▶ Provides excellent low temperature flexibility properties
- ▶ Easy mixing and processing

### Applications

- ▶ Automotive molded sponge and dense assembly corners
- ▶ Closed cell sheet sponge
- ▶ Non-bulbular closed cell sponge extrusions requiring very low load deflection properties
- ▶ Tire components, such as coverstrips, white sidewalls and black sidewalls, in blends with diene polymers

### Raw Polymer Properties

	Test Method*	Typical
Mooney Viscosity, ML (1+4)/100°C (Milled)	ZS 1223A	53
E/P Weight Ratio.....	ZS 1231	60/40
ENB, Weight % .....	ZS 1222	9.4
Molecular Weight Distribution.....	ZS 1296A	Broad
Volatile Matter, Weight %.....	ZS 1008K	—
Stabilizer .....	—	Non-Staining
Specific Gravity, g/cc.....	ASTM D-792	0.86
Color .....	ZS 1072A	Light Amber
Physical Form, lbs/bale .....	—	55.1 (25 kg) (Dense bale)

\* Company Test Methods

Royalene 535

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