



Lion Copolymer Geismar, LLC

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Royalene® 525 EPDM

Product Data

" An Ultra Fast Curing Polymer for Automotive Extrusions "

Unique Features

- ▶ High unsaturation - Ultra fast cure rate
- ▶ Excellent compression set resistance in closed cell sponge extrusions
- ▶ Excellent low temperature properties
- ▶ Co-cures well with SBR
- ▶ Non-staining
- ▶ Friable bale form for rapid mixing in internal mixers and excellent dispersion properties
- ▶ Excellent weathering resistance

Applications

- ▶ Closed cell sponge profile extrusions
- ▶ Closed cell sheet sponge
- ▶ Automotive window channel extrusions

Raw Polymer Properties

	Test Method*	Typical
Mooney Viscosity, ML (1+4)/125°C (Unmilled)	ZS 1220B	65
E/P Weight Ratio	ZS 1231	60/40
ENB, Weight %.....	ZS 1222	8.1
Molecular Weight Distribution	ZS 1296A	Medium
Volatile Matter, Weight %	ZS 1008K	0.7 Max.
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) (Friable bale)

* Company Test Methods
Royalene 525

HWY 5/18

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