



Lion Copolymer Geismar, LLC

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Royalene[®] 580HT EPDM

Product Data

" An Excellent Polymer for Heat Resistant Thermoset Applications and TPO Products"

Unique Features

- ▶ Excellent heat aging properties, especially with peroxide cures
- ▶ Outstanding low temperature impact properties
- ▶ Blends easily in all formulations
- ▶ Excellent weathering

Applications

- ▶ Automotive
- ▶ Mechanical Goods
- ▶ Hot Materials Belting
- ▶ Blends with Butyl Rubber for Inner Tubes
- ▶ TPO
- ▶ Impact Modification of Plastics

Raw Polymer Properties

	Test Method*	Typical
Mooney Viscosity, ML (1+4)/100°C (Milled)	ZS 1223A	60
E/P Weight Ratio.....	ZS 1231	53/47
ENB, Weight %	ZS 1222	2.7
Molecular Weight Distribution.....	ZS 1296A	Broad
Volatile Matter, Weight %.....	ZS 1008K	1.0 Max.
Stabilizer	—	Non-Staining
Specific Gravity, g/cc.....	ASTM D-792	0.86
Color	ZS 1072A	Off White
Physical Form, lbs/bale	—	55.1 (25 kg) (Dense bale)

* Company Test Methods

Royalene[®] 580HT 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.

Royalene 580HT-LE

ASP-4618G
HWY 5/18

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