



Lion Elastomers LLC

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Royalene[®] 563 EPDM

Product Data

"A General Purpose Polymer for Hose, Extruded Profiles and Thermoplastic Elastomers"

Unique Features

- ▶ Friable bale provides excellent degree of dispersion
- ▶ Highly extendable
- ▶ Excellent low temperature properties
- ▶ Excellent compression set
- ▶ Fast cure rate

Applications

- ▶ Hose
- ▶ Extruded Profiles
- ▶ Mechanical Goods

Raw Polymer Properties

Property	Test Method*	Typical
Mooney Viscosity, ML (1+4)/125°C (Unmilled)	ZS 1220B	75
E/P Weight Ratio.....	ZS 1231	60/40
ENB, Weight %	ZS 1222	4.5
Molecular Weight Distribution	ZS 1296A	Medium
Volatile Matter, Weight %.....	ZS 1008K	1.0 max.
Stabilizer	—	Non-Staining
Specific Gravity, g/cc	ASTM D-792	0.87
Color	ZS 1072A	Off White
Physical Form, lbs/bale.....	—	59.5 (27 kg) (Friable bale)

* Company Test Methods

Royalene[®] 563 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 563-LE

ASP-R175G
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