

Product Data Sheet

Royalene™ 535 EPDM

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

Property	Typical Value	Units	Test Methods*
Mooney Viscosity, ML (1+4) / 100°C (Milled)	53	MU	ZS 1223A
E/P Weight Ratio	60/40	—	ZS 1231
Ethylene	54.4	wt%	ZS 1231
ENB	9.4	wt%	ZS 1222
Molecular Weight Distribution	Broad	—	ZS 1296A
Volatile Matter	—	wt%	ZS 1008K
Stabilizer	Non-Staining	—	—
Specific Gravity	0.86	g/cm ³	ASTM D-792
Color	Light Amber	—	ZS 1072A
Physical Form	25 (Dense bale)	kg/bale	—

* Internal Test Methods

Notice: All information supplied by or on behalf of Lion Elastomers in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and believed reliable, but Lion Elastomers assumes no liability whatsoever in respect of application, processing or use made of the aforementioned information or products, or any consequence thereof. The buyer undertakes all liability in respect of the application, processing or use made of the aforementioned information or product, whose quality and other properties he shall verify, or any consequence thereof. No liability whatsoever shall attach to Lion Elastomers for any infringement of the rights owned or controlled by a third party in intellectual, industrial, or other property by reason of the application, processing or use of the aforementioned information or products by the buyer.