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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 and Specifications

| | Test Method* | Min. | Max. | Typical |
|---|--------------|------|------|------------------------------|
| Mooney Viscosity, ML (1+4)/100°C (Milled) | ZS 1223A | 45 | 60 | — |
| 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 | — | 1.0 | — |
| 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

R-535/mef

ASP-1831I
vv/rfo-04/13

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