

Product Data Sheet

Royalene™ 525 EPDM

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

| Property | Typical Value | Units | Test Methods* |
|---|-------------------|-------------------|---------------|
| Mooney Viscosity, ML (1+4) / 125°C (Unmilled) | 65 | MU | ZS 1220B |
| E/P Weight Ratio | 60/40 | — | ZS 1231 |
| Ethylene | 55.1 | wt% | ZS 1231 |
| ENB | 8.1 | wt% | ZS 1222 |
| Molecular Weight Distribution | Medium | — | ZS 1296A |
| Volatile Matter | 0.7 Max | wt% | ZS 1008K |
| Stabilizer | Non-Staining | — | — |
| Specific Gravity | 0.86 | g/cm ³ | ASTM D-792 |
| Color | Light Amber | — | ZS 1072A |
| Physical Form | 25 (Friable bale) | kg/bale | — |

* Internal Test Methods

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