

Product Data Sheet

Royalene™ 580HT EPDM

Unique Features

- Excellent heat aging properties, especially with peroxide cures
- Outstanding low temperature impact properties
- Blends easily in all formulations
- Excellent weathering
- Suitable for food contact applications. See Royalene™ FDA compliance summary for details

Applications

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

Raw Polymer Properties

Property	Typical Value	Units	Test Methods*
Mooney Viscosity, ML (1+4) / 100°C (Milled)	60	MU	ZS 1223A
E/P Weight Ratio	53/47	—	ZS 1231
Ethylene	51.6	wt%	ZS 1231
ENB	2.7	wt%	ZS 1222
Molecular Weight Distribution	Broad	—	ZS 1296A
Volatile Matter	1.0 Max.	wt%	ZS 1008K
Stabilizer	Non-Staining	—	—
Specific Gravity	0.86	g/cm ³	ASTM D-792
Color	Off White	—	ZS 1072A
Physical Form	25 (Dense bale)	kg/bale	—

* Internal Test Methods

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