



ROYALENE® / ROYALEDGE®


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ROYALENE® / ROYALEDGE®

Royalene® EPDM

is used in a wide variety of elastomeric applications that require superior heat, ozone and chemical resistance, excellent long term aging and outstanding weathering. Royalene® applications include automotive, industrial and consumer hoses, weatherseals, molded goods, wire and cable insulations, window profiles, roof sheeting, thermoplastic elastomers, and viscosity modifiers for lubricants.

[PACKAGING INFO](#)
[PRODUCT INFO](#)

| MSDS | TDS | GRADES | MOONEY ML 1+4 | WT.% DIENE | E/P RATIO |
|-------------------|-------------------|----------------------------|---------------|-------------|-----------|
| M | I | Royalene® 301T | 40 125°C | 3.1 DCPD | 67/33 |
| M | I | Royalene® 360 | 48 100°C | 2.0 DCPD | 52/48 |
| M | I | Royalene® 400 ^a | 37 125°C | 3.0 DCPD | 67/33 |
| M | I | Royalene® 505 | 55 125°C | 8.0 ENB | 60/40 |
| M | I | Royalene® 509 | 55 125°C | 8.0 ENB | 71/29 |
| M | I | Royalene® 510 | 65 125°C | 4.5 ENB | 75/25 |
| M | I | Royalene® 511 | 45 100°C | 4.6 ENB | 57/43 |

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|----------|----------|----------------------------|-------------|-------------|-------|
| <u>M</u> | <u>I</u> | Royalene® 512 | 57 125°C | 3.9 ENB | 68/32 |
| <u>M</u> | <u>I</u> | Royalene® 525 | 65 125°C | 8.1 ENB | 60/40 |
| <u>M</u> | <u>I</u> | Royalene® 535 | 51 100°C | 9.4 ENB | 60/40 |
| <u>M</u> | <u>I</u> | Royalene® 539 | 70 125°C | 4.6 ENB | 74/26 |
| <u>M</u> | <u>I</u> | Royalene® 547 | 80 125°C | 10.0 ENB | 63/37 |
| <u>M</u> | <u>I</u> | Royalene® 556 | 60 125°C | 4.5 ENB | 71/29 |
| <u>M</u> | <u>I</u> | Royalene® 559 | 61 125°C | 2.3 ENB | 69/31 |
| <u>M</u> | <u>I</u> | Royalene® 563 | 75 125°C | 4.5 ENB | 60/40 |
| <u>M</u> | <u>I</u> | Royalene® 580HT | 60 100°C | 2.7 ENB | 53/47 |
| <u>M</u> | <u>I</u> | Royalene® 636 ^b | 72 125°C | 9.5 ENB | 62/38 |
| <u>M</u> | <u>I</u> | Royalene® 645 ^c | 48 125°C | 8.5 ENB | 66/34 |
| <u>M</u> | <u>I</u> | Royalene® 677 ^a | 50 125°C | 4.5 ENB | 70/30 |
| <u>M</u> | <u>I</u> | Royalene® 694 ^c | 48 125°C | 4.5 ENB | 70/30 |
| <u>M</u> | <u>I</u> | Royalene® 868XE | 67 150°C | 6.0 ENB | 72/28 |

a Product contains 100 phr (50%) white, hydrotreated paraffinic oil.

b Product contains 15 phr (13%) white, hydrotreated paraffinic oil.

c Product contains 75 phr (43%) white, hydrotreated paraffinic oil.

RoyalEdge® EPDM

is used in a wide variety of elastomeric applications that require superior heat, ozone

and chemical resistance, excellent long term aging and outstanding weathering. RoyalEdge® EPDM products are terpolymers of ethylene, propylene and a non-conjugated diene (ENB or DCPD) that vary in viscosity, ethylene/propylene ratio, and type and amount of diene according to desired processability and end properties.

| MSDS | TDS | GRADES | MOONEY ML 1+4 | WT. % DIENE | E/P RATIO |
|----------|----------|-----------------|---------------|-------------|-----------|
| <u>M</u> | <u>I</u> | RoyalEdge® 5041 | 24 125°C | 2.8 DCPD | 75/25 |

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