# Sales Specification
# Vistalon™ 8731
## Ethylene Propylene Diene Terpolymer Rubber

**Product Description**

Vistalon 8731 EPDM rubber is a polymer with a broad molecular weight distribution, moderate branching and a low diene content. It is used for medium and low voltage electrical compounds. The branched architecture provides easy processing and smooth extrusions, and the low diene content gives excellent heat aging properties.

| Physical | Target | Minimum | Maximum | Unit | Test Based On |
|---|---|---|---|---|---|
| MLRA [1] | 170 | 70 | 270 | MU·sec | ASTM D1646 (mod) |
| Antioxidant content, non staining | 0.09 | 0.05 | 0.13 | wt% | ExxonMobil Method |
| Vanadium | -- | -- | 25 | wtppm | ExxonMobil Method |
| Mooney Viscosity [2] (ML 1+4, 125°C) | 24 | 20 | 28 | MU | ASTM D1646 (mod) |
| Volatiles [3] | -- | -- | 0.8 | % | ISO 248 (mod) |
| Ethylene Content | 75.8 | 74.3 | 77.3 | wt% | ASTM D3900B |
| Ethylidenenorbornene (ENB) Content | 3.3 | 2.9 | 3.7 | wt% | ASTM D6047 (mod) |

### Notes

[1] 1.6 - 5 s SR. Radial cavity dies, polymer remassed at 145±10°C.

[2] Radial cavity dies, polymer remassed at 145±10°C.

[3] Correlated from volatile content at the Finishing unit, measured by ExxonMobil test method, incorporating the warehouse drying effect.

For additional technical, sales and order assistance:


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