

Storage guide

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Vistalon™ ethylene propylene diene polymethylene backbone (EPDM) rubber is used in a wide variety of applications, offering processing and finished product performance beyond the capabilities of natural rubber and general-purpose synthetic rubbers.

Vistalon EPDM rubber can be loaded with high levels of filler for cost-effective compounding. ExxonMobil Chemical produces Vistalon EPDM rubber at plants located in Baton Rouge, Louisiana, USA, and in Al Jubail*, Saudi Arabia. These products are available globally to our customers.

Benefits

- Ozone and UV resistance
- Water and polar fluid resistance
- Heat resistance up to 175°C
- Low temperature flexibility
- Elastic properties under compression
- Excellent physical properties at higher filler loadings
- Outstanding electrical insulation

Product storage

Vistalon EPDM rubber products are inherently stable, although some minor changes to product appearance, physical or chemical characteristics may occur after prolonged storage. The effects of oxygen, light, temperature and humidity are carefully controlled by ExxonMobil Chemical after production, which, combined with an inventory management system ensures that the products reach customers in optimum condition.

To keep consistent product quality until use, it is recommended to maintain appropriate storage conditions:

- Optimum storage temperature of 15°C to 30°C; avoid temperatures above 50°C and below 10°C.
- Avoid exposure to direct sunlight to prevent the potential for irreversible cross-linking. This is particularly important for oil extended grades.
- Keep the opaque film wrap to protect against UV rays.
- Protect from contact with water (rain) and contaminants.
- Recommend to use the product within 3 years of the manufacturing date.
- Recommend to keep the bales of low viscosity grades in their original box to prevent cold flow creep.

*Al Jubail Petrochemical Company is a joint venture between Sabic and ExxonMobil

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