

# Europrene® N 2860

Acrylonitrile Butadiene Rubber

Versalis S.p.A.

## Message:

Europrene® N 2860 is a cold polymerized acrylonitrile-butadiene copolymer made at the Porto Torres production facility in Italy. A non staining antioxidant is added during the production process.

Europrene® N 2860 is characterised by good processability, medium mineral oil resistance, and good flexibility at low temperature. The vulcanization can be performed by sulphur based systems or by peroxides. The low temperature properties can be improved by adding polar plasticizers as synthetic esters of adipic, sebacic or phthalic acids. To improve heat, light and ozone resistance, suitable protective agents as amine or phenolic antioxidants have to be added in the compounding process.

Applications requiring elasticity at low temperature, oil resistance and high mechanical performances.

| General Information              |                             |      |             |
|----------------------------------|-----------------------------|------|-------------|
| Additive                         | Antioxidant                 |      |             |
| Features                         | Antioxidant                 |      |             |
|                                  | Good Processability         |      |             |
|                                  | Low Temperature Flexibility |      |             |
|                                  | Oil Resistant               |      |             |
| Appearance                       | Yellow                      |      |             |
| Forms                            | Bale                        |      |             |
| Physical                         | Nominal Value               | Unit | Test Method |
| Mooney Viscosity (ML 1+4, 100°C) | 60                          | MU   | ASTM D1646  |
| Acrylonitrile Content            | 28.0                        | wt%  | ASTM D3533  |
| Ash Content                      | < 0.5                       | wt%  | ASTM D5667  |
| Organic Acid                     | < 0.5                       | wt%  | ASTM D5774  |
| Soap                             | < 0.6                       | wt%  | ASTM D5774  |
| Volatile Matter                  | < 0.70                      | wt%  | ASTM D5668  |

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