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Technical Data Sheet

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DUTRAL[®]

EP(D)M

TER 4044

Ethylene - Propylene - Diene Terpolymer

Dutral[®] TER 4044 is an Ethylene - Propylene - Diene polymer produced by suspension polymerisation using a Ziegler-Natta Catalyst at the Ferrara production facility in Italy.
A non-staining antioxidant is added during the production process.

Main Properties

Unit

Typical Value

| | | |
|---------------------------------|------|---------|
| Mooney Viscosity ML 1+4(100 °C) | MU | 44 |
| Volatiles content | % wt | 0.5 max |
| Ash content | % wt | 0.3 max |
| Propylene content | % wt | 35 |
| ENB content | % wt | 4 |

Key Features

Dutral[®] elastomers are characterized by excellent resistance to ageing and weathering, good resistance to both high and low temperatures, low permanent set values, good resistance to a large number of chemicals.

Dutral[®] TER 4044 is a low molecular weight terpolymer of medium diene content, with a medium-broad molecular weight distribution.

It has good low temperature performance and good processability, also on an open mill.

It is particularly suitable for producing quality moulded articles with good elastic properties.

It can also be used to improve flow in compounds based on high molecular weight Dutral[®] grades.

Main Applications

Automotive, cables, mechanical goods, buildings, appliances.

Physical Form

Bales wrapped with low melting point polyethylene film; typical bale weight: 25 kg.

Packaging

Cardboard box of 750 kg containing 30 bales (1050 x 1250 x h1050 mm).

Storage Conditions

Store in vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.

Shelf life : 36 months.

Please consult the relevant safety data sheet for more detailed information.

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