



versalis

Technical Data Sheet

DUTRAL[®]
EP(D)M

TER 4038 EP
Ethylene - Propylene - Diene Terpolymer

Dutral[®] TER 4038 EP 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(125 °C) | MU | 60 |
| Volatiles content | % wt | 0.7 max |
| Ash content | % wt | 0.3 max |
| Propylene content | % wt | 27 |
| ENB content | % wt | 4.4 |

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 4038 EP is a general purpose semicrystalline terpolymer of medium-high molecular weight and medium diene content. It is supplied in easy processing highly friable bales for easy mixing and high productivity. It can accept high level of filler.

Dutral[®] TER 4038 EP based compounds present fast extrusion speed, fast curing, high cure state and good mechanical properties.

Main Applications

Automotive, cables, mechanical goods, buildings, appliances, polymer modification.

Physical Form

EP Friable Easy Processing clear bales wrapped with polyethylene film; typical bale weight / height: 25 kg / 260 mm.

FB Friable clear bales wrapped with polyethylene film; typical bale weight / height: 25 kg / 220 mm.

Packaging

EP Cardboard packaging of 875 kg containing 35 bags (1000 x 1200 x h2090 mm).

FB Cardboard box of 600 kg containing 24 bales (1130 x 1210 x h1050 mm).

Storage Conditions

Store in dry and vented areas, avoiding temperatures above 35 °C and direct sunlight.

Shelf life : 36 months.

Advice for use:

During winter period, store the polymer in heated warehouse or at room temperature (20-25°C) for at least one week before processing in order to avoid mixing difficulties due to polymer paracrystallinity.

