



versalis

www.versalis.eni.com

Technical Data Sheet

info.elastomers@versalis.eni.com

DUTRAL[®]

EP(D)M

TER 4436

Ethylene - Propylene - Diene Terpolymer

Dutral[®] TER 4436 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	43
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	28 ⁽¹⁾
ENB content	% wt	5.5 ⁽¹⁾
Oil content	% wt	40

⁽¹⁾ Referred to polymer matrix

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 4436 is a semicrystalline, very high molecular weight terpolymer of medium diene content, extended with 40% paraffinic oil.

It is characterized by high loading capacity, good green strength and can be used to obtain low hardness final articles.

Dutral[®] TER 4436 based compounds present high dimensional stability and good curing rate.

Main Applications

Automotive, mechanical goods, appliances, TPV.

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.

The information and data presented herein are to the best of our knowledge true and accurate, but no warranty or guarantee, expressed or implied, is made nor liability accepted with respect to the use of such information and data.