



versalis

## Technical Data Sheet

### DUTRAL<sup>®</sup>

EP(D)M

### TER 4437 WO

Ethylene - Propylene - Diene Terpolymer

Dutral<sup>®</sup> TER 4437 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	57
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	32 <sup>(1)</sup>
ENB content	% wt	4.5 <sup>(1)</sup>
Oil content	% wt	40 <sup>(2)</sup>

<sup>(1)</sup> Referred to polymer matrix

<sup>(2)</sup> Pure paraffinic oil

### Key Features

Dutral<sup>®</sup> 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<sup>®</sup> TER 4437 WO is a very high molecular weight terpolymer of medium diene content, extended with 40% paraffinic oil.

Thanks to the pure paraffinic oil Dutral<sup>®</sup> TER 4437 WO can be advantageously used in TPV.

It is characterized by high loading capacity, easier dispersion of ingredients during mixing, good dimensional stability and low temperature elasticity.

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

Shelf life : 36 months.

