



versalis

Technical Data Sheet

DUTRAL[®]

EP(D)M

TER 4437

Ethylene - Propylene - Diene Terpolymer

Dutral[®] 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 ⁽¹⁾
ENB content	% wt	4.5 ⁽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 4437 is a very high molecular weight terpolymer of medium diene content, extended with 40% paraffinic oil.

It is characterized by high loading capacity, good dimensional stability, easier dispersion of ingredients during mixing and enhanced low temperature elasticity compared with Dutral[®] TER 4436.

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.

