



# DUTRAL®

EP(D)M

# TER 4548

Ethylene - Propylene - Diene Terpolymer

Dutral® TER 4548 is an Ethylene - Propylene - Diene polymer produced by suspension polymerisation using an improved Ziegler-Natta Catalyst at the Ferrara production facility in Italy. A non-staining antioxidant is added during the production process.

Main Properties	Unit	Value
Mooney Viscosity ML 1+4(125 °C)	MU	47
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	36 (1)
ENB content	% wt	4.5 (1)
Oil content	% wt	50 (2)

(1) Referred to polymer matrix

(2) Pure paraffinic oil

## 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 4548 is an extremely high molecular weight terpolymer of medium diene content, extended with 50% paraffinic oil. Thanks to the pure paraffinic oil Dutral® TER 4548 can be advantageously used in TPV.

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

## Main Applications

TPV, Automotive, mechanical goods, 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 dry and vented areas, avoiding temperatures above 35 °C and direct sunlight.

It is recommended that temperatures above 30 °C be avoided for prolonged storage times in order to not deteriorate the quality of the product and reduce its shelf life.

Shelf life : 36 months.

