

## Technical Data Sheet



[www.versalis.eni.com](http://www.versalis.eni.com)

[technicalmanagement@versalis.eni.com](mailto:technicalmanagement@versalis.eni.com)

# DUTRAL<sup>®</sup>

EP(D)M

# TER 4039

Ethylene - Propylene - Diene Terpolymer

Dutral<sup>®</sup> TER 4039 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	Value
Mooney Viscosity ML 1+4(125 °C)	MU	77
Volatiles content	% wt	0.7 max
Ash content	% wt	0.3 max
Propylene content	% wt	27
ENB content	% wt	4.4

### 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 4039 is a general purpose semicrystalline terpolymer of high molecular weight and medium diene content.

It has high green strength, good collapse resistance, and can accept high level of filler.

Dutral<sup>®</sup> TER 4039 based compounds exhibit fast extrusion speed, fast curing, high cure state and good mechanical properties.

### Main Applications

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

### Physical Form

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

### Packaging

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.

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.

### 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.

Please consult the relevant safety data sheet for more detailed information.

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