eni versalis

Technical Data Sheet

DUTRAL®

EP(D)M

TER 4039

Ethylene - Propylene - Diene Terpolymer

Dutral® 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	Typical 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® 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 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® 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.
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 last one week before processing in order to avoid mixing difficulties due to polymer paracrystallinity.