Technical Data Sheet

DUTRAL®

TER 4039 EP

EP(D)M

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	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. It is supplied in easy processing highly friable bales for easy mixing and high productivity.
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

EP Friable Easy Processing clear bales wrapped with polyethylene film; typical bale weight / height: 25 kg / 260 mm.

Packaging

EP Cardboard packaging of 875 kg containing 35 bales (1000 x 1200 x h2090 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 last one week before processing in order to avoid mixing difficulties due to polymer paracrystallinity.