Technical Data Sheet

DUTRAL®

EP(D)M

TER 4033

Ethylene - Propylene - Diene Terpolymer

Dutral® TER 4033 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(100 °C)	MU	30
Volatiles content	% wt	0.7 max
Ash content	% wt	0.3 max
Propylene content	% wt	25
ENB content	% wt	5

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 4033 is a semicrystalline, very low molecular weight terpolymer with medium diene content.
Dutral® TER 4033 based compounds exhibit fast extrusion speed, fast curing and high state of cure, and it is particularly suitable in the production of high hardness extruded profiles (HHP).
It can also be used to improve flow in compounds based on high molecular weight Dutral® grades.

Main Applications

Automotive, cables, mechanical goods, high hardness profiles.

Physical Form

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

Packaging

Cardboard box of 600 kg containing 24 bales (1170 x 1230 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 last one week before processing in order to avoid mixing difficulties due to polymer paracrystallinity.