Technical Data Sheet

DUTRAL®

TER 4535

EP(D)M

Ethylene - Propylene - Diene Terpolymer

Dutral® TER 4535 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	32
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	32 (1)
ENB content	% wt	3.4 (1)
Oil content	% wt	50

(1) Referred to polymer matrix

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 4535 is a very high molecular weight terpolymer of medium diene content, extended with 50% paraffinic oil.
It is characterized by high loading capacity, and is generally used in blends with other Dutral® grades to improve shape stability and collapse resistance.

Main Applications

Automotive, mechanical goods, building, appliances, cables.

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.