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Technical Data Sheet

DUTRAL®

EP(D)M

TER 6537

Ethylene - Propylene - Diene Terpolymer

Dutral® TER 6537 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

Main Properties	Unit	Typical Value
Mooney Viscosity ML 1+4(125 °C)	MU	43
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	32 (1)
ENB content	% wt	8 (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 6537 is a very high molecular weight terpolymer of medium-high diene content, extended with 50% paraffinic oil.
It has good low temperature performances, high green strength and very fast curing.
It can accept the highest amount of filler and plasticizer.
Dutral® TER 6537 can be used for producing low hardness and high elastic compound.

Main Applications

Automotive, mechanical goods, appliances, TPV, building.

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 vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.

Shelf life : 36 months.