eni versalis

Technical Data Sheet

DUTRAL®

EP(D)M

TER 6148

Ethylene - Propylene - Diene Terpolymer

Dutral® TER 6148 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	65
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	40 (1)
ENB content	% wt	7 (1)
Oil content	% wt	15

(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 6148 is an amorphous high molecular weight terpolymer of medium-high diene content, extended with 15% paraffinic oil.
It is characterized by very good loading capacity and improved mixing processability, especially in medium and highly plasticized compounds.
Dutral® TER 6148 based compounds present excellent low temperature performance, fast extrusion rate, fast curing, good shape stability and mechanical properties.

Main Applications

Automotive, mechanical goods, building, appliances.

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.
Shelf life : 36 months.