

# Dutral® TER 4535

Ethylene Propylene Diene Terpolymer

Versalis S.p.A.

## Message:

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.

**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.

General Information		
Additive	Antioxidant	
Features	Antioxidant	
	Good Chemical Resistance	
	Good Weather Resistance	
	High Heat Resistance	
	Low Temperature Resistant	
	Terpolymer	
	Ultra High Molecular Weight	
Uses	Appliances	
	Automotive Applications	
	Blending	
	Building Materials	
	Wire & Cable Applications	
Forms	Bale	
Physical	Nominal Value	Unit
Mooney Viscosity (ML 1+4, 125°C)	32	MU
Ethylidene Norbornene (ENB) Content	3.4	wt%
Oil Type (Paraffinic Oil)	50.0	phr
Ash Content	< 0.3	wt%
Propylene Content	32.0	wt%
Volatiles	< 0.5	wt%

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