

Dutral® TX 1301

Ethylene Propylene Diene Terpolymer

Versalis S.p.A.

Message:

Dutral® TX 1301 is an Ethylene-Propylene-Diene polymer produced by suspension polymerisation using an improved Ziegler-NattaCatalyst 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® TX 1301 is an extremely high molecular weight terpolymer of medium diene content, extended with 50% paraffinic oil. Thanks to the pure paraffinic oil Dutral® TX 1301 can be advantageously used in TPV. It is characterized by very high loading capacity, easier dispersion of ingredients during mixing, good dimensional stability and low temperature elasticity.

Main Applications

TPV, Automotive, mechanical goods, appliances.

General Information		
Additive	Antioxidation	
Features	Ultra high molecular weight	
	Good dimensional stability	
	Antioxidation	
	Good heat aging resistance	
	Low temperature resistance	
	Good chemical resistance	
	Good weather resistance	
	Heat resistance, high	
	Terpolymer	
Uses	Electrical appliances	
	Application in Automobile Field	
Forms	bag	
Physical	Nominal Value	Unit
Mooney Viscosity (ML 1+4, 125°C)	47	MU
Ethylidene Norbornene (ENB) Content	4.5	wt%
Oil Type (Paraffinic Oil)	50.0	phr
Propylene content	36.0	wt%
Ash Content		wt%
Volatiles		wt%

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