

DUTRAL[®] K EP(D)M

TER 4548 Ethylene - Propylene - Diene Terpolymer

Dutral[®] K TER 4548 is an Ethylene - Propylene - Diene polymer produced by suspension polymerisation using a Ziegler-Natta Catalyst at the Yeosu production facility in Korea.
A non-staining antioxidant is added during the production process.

Main Properties	Unit	Typical Value
Mooney Viscosity ML 1+4(125 °C)	MU	47
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	36 ⁽¹⁾
Ethylene content	% wt	59.5 ⁽¹⁾
ENB content	% wt	4.5 ⁽¹⁾
Oil content	% wt	50 ⁽²⁾
	phr	100 ⁽²⁾

⁽¹⁾ Referred to polymer matrix

⁽²⁾ Pure paraffinic oil

Key Features

Dutral[®] K 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[®] K TER 4548 is an extremely high molecular weight terpolymer of medium diene content, extended with 50% paraffinic oil. Thanks to the pure paraffinic oil Dutral[®] TER 4548 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.

Physical Form

Bales wrapped with low melting point polyethylene film.

Packaging

Disposable metal crate, nominal net weight 900 kg;
25 Kg bale, 36 bales per crate (1470 x 1140 x H1130 mm).

Storage Conditions

Store in vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.
Shelf life : 36 months.

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Please consult the relevant safety data sheet for more detailed information.

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