

## DUTRAL<sup>®</sup> K EP(D)M

## TER 4437 WO Ethylene - Propylene - Diene Terpolymer

Dutral<sup>®</sup> K TER 4437 WO 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	57
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	32 <sup>(1)</sup>
Ethylene content	% wt	63.5 <sup>(1)</sup>
ENB content	% wt	4.5 <sup>(1)</sup>
Oil content	% wt	40 <sup>(2)</sup>
	phr	67 <sup>(2)</sup>

<sup>(1)</sup> Referred to polymer matrix

<sup>(2)</sup> Pure paraffinic oil

### Key Features

Dutral<sup>®</sup> 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<sup>®</sup> K TER 4437 WO is a very high molecular weight terpolymer of medium diene content, extended with 40% paraffinic oil.

Thanks to the pure paraffinic oil Dutral<sup>®</sup> K TER 4437 WO can be advantageously used in TPV.

It is characterized by high loading capacity, easier dispersion of ingredients during mixing, good dimensional stability and low temperature elasticity.

### Main Applications

Automotive, mechanical goods, appliances, TPV.

### 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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