

DUTRAL[®] K EP(D)M

TER 4436 WO Ethylene - Propylene - Diene Terpolymer

Dutral[®] K TER 4436 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	43
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	28 ⁽¹⁾
Ethylene content	% wt	66.5 ⁽¹⁾
ENB content	% wt	5.5 ⁽¹⁾
Oil content	% wt	40 ⁽²⁾
	phr	67 ⁽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 4436 WO is a semicrystalline, very high molecular weight terpolymer of medium diene content, extended with 40% pure paraffinic oil.

It is characterized by high loading capacity, good green strength and can be used to obtain low hardness final articles. Thanks to the pure paraffinic oil Dutral[®] K TER 4436 WO can be advantageously used in TPV

Dutral[®] K TER 4436 WO based compounds present high dimensional stability and good curing rate.

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.

LOTTE VERSALIS ELASTOMERS CO. LTD

® Registered Trademark

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

The information and data presented herein are to the best of our knowledge true and accurate, but no warranty or guarantee, expressed or implied, is made nor liability accepted with respect to the use of such information and data.