Technical Data Sheet

DUTRAL® K TER 4044

EP(D)M

Ethylene - Propylene - Diene Terpolymer

Dutral® K TER 4044 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(100 °C)	MU	44
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	35
Ethylene content	% wt	61
ENB content	% wt	4

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 4044 is a low molecular weight terpolymer of medium diene content, with a medium-broad molecular weight distribution.
It has good low temperature performance and good processability, also on an open mill.
It is particularly suitable for producing quality moulded articles with good elastic properties.
It can also be used to improve flow in compounds based on high molecular weight Dutral® K grades.

Main Applications

Automotive, cables, mechanical goods, buildings, 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.

LOTTE VERSALIS ELASTOMERS CO. LTD