

Technical Data Sheet

www.versalis.eni.com
technicalmanagement@versalis.eni.com


DUTRAL[®]

EP(D)M

OCP 4530 PL

Ethylene - Propylene Copolymer

Dutral[®] OCP 4530 PL is an Ethylene - Propylene polymer produced by suspension polymerisation using a Ziegler-Natta Catalyst.

A non-staining antioxidant is added during the production process.

Main Properties	Unit	Value
Mooney Viscosity ML 1+4 (125 °C)	MU	30
MFI (190 °C / 2,16 Kg)	g/10 mins	0,5
Volatiles content	% wt	0.15 max
Ash content	% wt	0.3 max
Propylene content	% wt	28
SSI	%	47 (1)
KV (100 °C)	cSt	16 (1)

(1) 1% wt in eni SN150

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[®] OCP 4530 PL is a semi-crystalline, medium-high molecular weight copolymer, designed as a viscosity index improver for lubricating oils. It has an excellent thickening power at 47 SSI.

It shows an excellent balance between thickening power and shear stability. As other semi-crystalline grades it requires a care in the selection of all the other lubricant components to avoid gelation in cold conditions. Its physical form facilitates a fast dissolution in oil.

Main Applications

Oil viscosity modifier.

Physical Form

Not free-flowing pellets in a polyethylene valve bag; typical bag weight: 20 kg.

Packaging

50 bags on wooden pallet for a total of 1000 kg (1050 x 1250 x h1550 mm).

Storage Conditions

Store in dry and vented areas, avoiding temperatures above 30 °C and direct sunlight.

Shelf life : 9 months.

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.