



versalis

www.versalis.eni.com

Technical Data Sheet

info.elastomers@versalis.eni.com

DUTRAL[®]

EP(D)M

CO 034

Ethylene - Propylene Copolymer

Dutral[®] CO 034 is an Ethylene - Propylene polymer produced by suspension polymerisation using a Ziegler-Natta Catalyst at the Ferrara production facility in Italy.
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	28

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[®] CO 034 is a semi-crystalline, low molecular weight copolymer characterized by high green strength.

It can accept a high level of filler maintaining good flow properties.

Main Applications

Cables, appliances, polymer modification, oil viscosity modifier.

Physical Form

Bales wrapped with low melting point, oil dissolvable ethylene vinyl acetate copolymer film, typical bale weight: 25 kg.

Packaging

Cardboard box of 750 kg containing 30 bales (1050 x 1250 x h1050 mm).

Storage Conditions

Store in dry and vented areas, avoiding temperatures above 35 °C and direct sunlight.

It is recommended that temperatures above 30 °C be avoided for prolonged storage times in order to not deteriorate the quality of the product and reduce its shelf life.

Shelf life : 36 months.

Advice for use:

During winter period, store the polymer in heated warehouse or at room temperature (20-25°C) for at least one week before processing in order to avoid mixing difficulties due to polymer paracrystallinity.

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.