Technical Data Sheet

DUTRAL®

BTR 6049

EP(D)M

Ethylene - Propylene - Diene Terpolymer

Dutral® BTR 6049 is an Ethylene - Propylene - Diene polymer produced by suspension polymerisation using an improved Ziegler-Natta Catalyst at the Ferrara production facility in Italy. A non-staining antioxidant is added during the production process.

Main Properties	Unit	Value
Mooney Viscosity ML 1+4(125 °C)	MU	85
Volatiles content	% wt	0.5 max
Ash content	% wt	0.3 max
Propylene content	% wt	40
ENB content	% wt	6

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® BTR 6049 is a high molecular weight terpolymer of medium-high diene content.
It is characterized by tailored molecular structure to improve mixing ability and to obtain high loading capacity, good mechanical properties and good collapse resistance.
Dutral® BTR 6049 based compounds exhibit fast extrusion speed, fast curing, high cure state and excellent low temperature behaviour.

Main Applications

Automotive compact profiles, building, mechanical goods

Physical Form

Bales wrapped with low melting point polyethylene film; typical bale weight: 25 kg.

Packaging

Cardboard box of 625 kg containing 25 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.