

DUTRAL[®]

EP(D)M

BTR 4049

Ethylene - Propylene - Diene Terpolymer

BTR = Branched Terpolymer



Dutral[®] BTR 4049 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 | 76 |
| Volatiles content | % wt | 0.5 max |
| Ash content | % wt | 0.3 max |
| Propylene content | % wt | 40 |
| ENB content | % wt | 4,5 |

Key Features

Dutral[®] elastomers are characterized by excellent resistance to ageing and weathering, good resistance to both high and low temperatures, good resistance to a large number of chemicals.

Dutral[®] BTR 4049 is a high molecular weight terpolymer of medium 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 4049 based compounds exhibit fast extrusion speed, fast curing and high cure state.

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.

