

Description

Technigom is a range of rubber granules obtained from recycling end-of-life tyres.

The granules come from tyres collected in France from car industry professionals.

When they were placed on the markets, these tyres met all the necessary requirements in terms of homologation. The substances used to manufacture these tyres comply with the REACH regulation. The granules are obtained mechanically methods without any additives.

Components

Elastomers	50 - 55 %
- of which natural rubber	30 - 35 %
Carbon black	25 - 30 %
Additives	10 - 15 %
Mineral	5 - 10 %

VOC emissions



Physical properties

Bulk density: 0,4	Flash point: 340°C
True density: ≈1,15	Auto-ignition temperature: 470°C
Surface area: 0,01 à 0,09 m ² /g	No ATEX risk
Colour: black	

Granulometry

Several particle sizes are available: between 0 and 6 mm.

Here are some examples of applications:

Granulometry*	Usual applications
0 - 1 mm	Moulded objects, revulcanised objects
1 - 3 mm	Synthetic turf infill
3 - 6 mm	Shock-absorbing underlay

*Indicative particle sizes, variable depending on the supplier

Chemical composition

Carbon	78 - 82 %
Hydrogen	7 - 7,5 %
Oxygen	2,8 - 3,2 %
Zinc	1,6 - 3,1 %
Sulfur	1,1 - 2,1 %
Silicon	1 - 2,3 %

Major elements (>1%)