

Name: BASALT CHOPPED FIBER

Marking: Basalt fiber BF 13-24p*

*For standard dimensions

Description: Basalt chopped fiber is a mixture of filament yarns chopped into short sections.

Application: It is used for reinforcement of binding mixtures, production of basalt fiber mats, brake shoes and friction disks, products from glass, basalt, carbon, organic fiber reinforced plastics.

Standards and regulations: TU 5952-002-91341008-2012



Characteristics:

Characteristic	Value
Elementary fiber diameter, micron	9,13,17
Allowable variation in elementary fiber diameter, micron:	
9	-1; +2
13-17	-2;+1
Section length, mm	6,12,18,24
Allowable variation in section length, %, no more than	10
Color	dark-olive
Odor	inodorous
Moisture content, %, no more than	1,0
Content of substances evaporated by calcination, %	0,2-2,0
Chemical resistance – weight loss after fiber keeping during 3 days, %, no more than	
H ₂ O	1,0
2H NaOH	2,5
2H HCl	2,5
Allowable number of uncut fibers, %, no more than	0,1

Recommendations for use and dosage:

- Add in small portions and distribute thoroughly
- Use plasticizers to get better results
- 1,8 kg/m³
- 6-7 min in concrete mixers, 7-9 min in concrete mixers truck



Frost resistance



Erosion resistance



Physical and mechanical durability