



Basalt fiber CHOPPED STRAND FOR ASPHALT CONCRETE

Basalt fiber chopped strand is suitable for dense grade asphalt concrete(DGAC), stone mastic asphalt(SMA), open-grade asphalt concrete(OGFC).

▶ PRODUCT DESCRIPTION

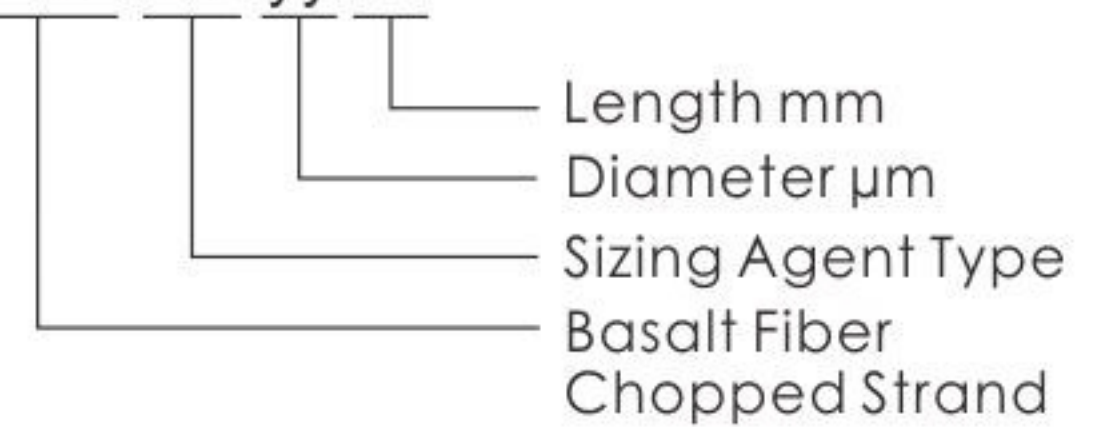
Basalt Fiber Chopped Strand is based on the continuous basalt fiber though special surface treatment, which is cut in a certain length according to users' demand.

Basalt fiber is competitive replacement of polyester fiber, wood fiber, etc. which can significantly improve the high temperature stability, thermal crack, water damage resistance and fatigue resistance, etc. can greatly extend the service life of asphalt concrete.

PRODUCT

e.g. BFCS-612-17-8

BFCS xxx-yy-zz



▶ SPECIFICATIONS

The type of fiber	Length (mm)		diameter (μm)	Linear density (tex)	Density (g/cm³)	Oil adsorption ratio (%)	(MPa) Tensile breaking strength	(GPa) Flexural module	Elongation (%)	combustible content(%)	thermostability (%)
	Asphalt concrete	Asphalt Mortar									
direct roving	5~15	3~6	13~22	300~2400	2.6~2.8	≥50	≥1200	≥75	≤3.1	0.1~1.0	≥85
twisted roving	3~15		13~22	300~2400							

The specification and size can be customized according to users' demand.

▶ FORMING PROCESS

Basalt Fiber Chopped Strand is cut by the basalt fiber with special surface treatment.

▶ PRODUCT SUPERIORITY

Improve the efficiency of asphalt and reduce oil flooding. Improve the dynamic stability, and the track resistance at a high temperature can be improved by 30%.

▶ PACKAGE SPECIFICATION

Package standard: 25kg/bag
Material : waterproof leather bag