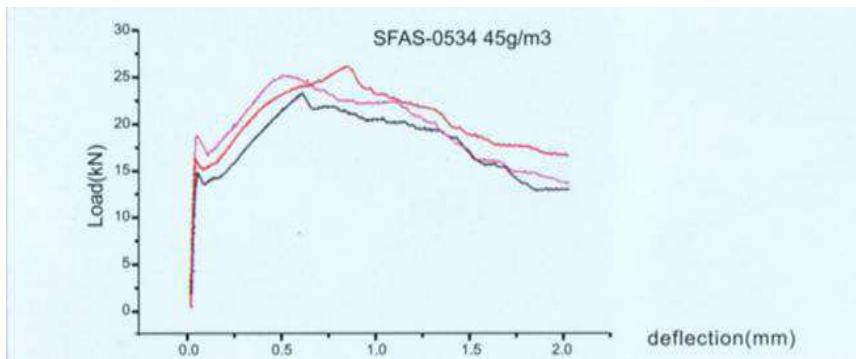
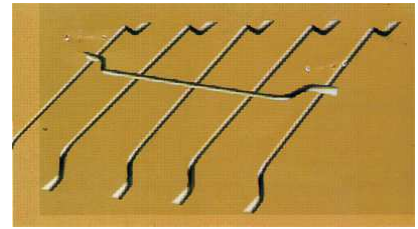


Steel Fiber

Introduction

- The Steel Fiber is designed with flat heads on both ends and a bent-arched body, which can increase combined force within the concrete.
- The small effective diameter and the excellent diameter ratio of the steel fiber can allow it to be complete mixed and form a high density and even distribution within the concrete.
- Steel fiber can not only shorter the construction time and save cost, but increase the bending force and toughness of the concrete as well. It can also increase crack stability, minimize crack propagation, improve impact and fatigue resistance.
- The steel fiber is made by low carbon steel and meets physical property requirements of ASTM A820 Type I.
- The load-deflection curve of steel fiber concrete



Application

- Temporary or permanent support of shotcrete in tunnel
- Pre-structure
- Slope-protection shotcrete
- Freeway pavement
- Hydraulic structure
- Explosion-proof structure
- Seamless concrete design
- Vibration-proof design
- Airport pathway, taxiway and apron

Specification

Effective Diameter D (mm)	Length (mm)	Diameter Ratio L/D	Width of Flat Head B (mm)	Arched Height H (mm)	Resistant Force (Mpa)	Quantity (piece/kg)
0.5	34	68	≥ 1.1	2.4	≥ 1100	19200

Recommendation of Construction

- It could be applied under normal construction without any special adjustment.
- According to the designed volume, mix proportionately with sand, gravel, cement and additive.
- Suitable for any type of industrial mixers. It could mix w/o water first and then add water, or add material continuously in the process of mixing. It needs no extra time than usual mixing. After mixing, examine thoroughly to make sure steel fibers and other compounds are mixed well.

【Transportation and Storage】 : No heavy load or rain during transportation and storage to prevent deformation and rust of the products

【Packing】 : 25kg/package