



Technical documents of loose steel fiber -SD45/35

Product Model	SD45/35
Aspect Ratio (L/D)	45
Length (mm)	35±2
Diameter (mm)	0.75±0.02
Shape	Loose Hooked End
Tensile Strength (MPa)	≥1150/1800/2300
Number of Fibers per kg	8200
Certification Standard	EN 14889-1, ASTM A820/A820M
Packaging Specification	20kg/bag/case; 1200kg/pallet, 1300kg/pallet
Application Scenarios	Road, tunnel, bridge, expansion joint connection layer
Project Case	Sichuan High way joints, Tengzhou thin floor,
Product Features	<ol style="list-style-type: none">1. Hook design enhances anchoring strength, forming a stable 3D load-bearing system;2. Excellent crack dispersion and simple construction;3. Reduces shrinkage cracks by 40% and increases flexural strength by 2-3 times;4. Low cost, suitable for large-volume medium-strength structural projects
Technical and Engineering Support	<ol style="list-style-type: none">1. Professional project specification formulation;2. Fiber type & dosage optimization;3. Concrete mix design improvement;4. Performance test supervision;5. On-site construction guidance;6. Dosing equipment installation & debugging;7. One-stop technical support from planning to completion
Safety and Storage	<ol style="list-style-type: none">1. Wear head, eye protection and gloves during operation;2. Store in a dry and ventilated place;3. Avoid heavy stacking;4. Prevent moisture and corrosion