



Technical documents of UHPC steel fiber -SD1835

Product Model	SD1835
Aspect Ratio (L/D)	51
Length (mm)	13±1
Diameter (mm)	0.18-0.35
Shape	curved
Tensile Strength (MPa)	≥2850
Number of Fibers per kg	230000
Certification Standard	EN 14889-1, ASTM A820/A820M
Packaging Specification	20kg/bag/case; 1000kg/pallet
Application Scenarios	RPC cover plate, precast concrete parts,
Project Cases	Beijing-Shanghai Railway, Kunming railway
Product Features	<ol style="list-style-type: none">1. Made with ultra-fine low-carbon steel wire coated with copper for excellent dispersion;2. Tensile strength ≥2850 MPa, significantly enhancing UHPC's crack resistance and ductility;3. Optimized long-to-diameter ratio for multiple construction methods (prefabricated, cast, or sprayed);4. Suitable for high-speed rail, highway bridges, prefabricated curtain walls, and ultra-high-performance structural components
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; performance test supervision;4. On-site construction guidance;5. Dosing equipment installation & debugging;6. 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