

Optimet[®] Steel Fibers Specification Sheet

Optimet[®] Steel Fibers defines concrete's efficiency

Optimet[®] Steel Fibers have been engineered to meet the high demand for optimized Steel Fibers characteristics. The optimized fiber configuration, in combination with the tensile strength enhancement of the wire drawing operation, enable to build up the necessary strength required to resist stresses induced by the concrete. The ultimate result is a fiber that meets your criteria;

- ▶ **Optimized Designs / Performances / Cost Efficiency**

Optimet[®] Steel Fiber is fully optimized


Engineered by some of the most prestigious researchers in the concrete industry, Optimet's **patented** design with high Pull Out and Residual Toughness $R_{(e,i)}$ resistance will meet the highest performance requirements in the industry.

Optimet[®] Steel Fibers are designed to provide maximum fiber efficiency in concrete. Consult your Optimet's specialist to help you determine which of the following fibers are best suited for your application.

Optimet[®] Steel Fibers conforms to ASTM A-820 - Type-1: Cold Drawn Wire Fibres

All fibers are made of low carbon steel wire. Galvanized fibers are available and manufactured as special orders

Optimet[®] Steel Fibers characteristics

Fiber	Deformation type	Length mm / inches	Diameter mm / inches	Wire Tensile t MPa / psi	Residual Strength $R_{(e,3)}$ @25 kg/m ³
Optimet [®] 9550	Patented Undulated Ends	50 / 2	0.92 / 0.037	1,200 / 170,000	58
Optimet [®] 11050		50 / 2	1.10 / 0.043	1,100 / 160,000	52

Packaging Boxes weight: 25 kg (55 lbs)
 Pallets: 32, 48 et 64 boxes per pallet

Storage: The product shall be stored in a dry area. For outside storage, consult the project Engineer and/or Optimet's Handling and Safety Sheet.

Optimet[®] Steel Fiber is a registered trade and is made in conformance with Patent no:US005443918A