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ASTM A820-90 Specification for steel fibers for fiber reinforced concrete

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Abbreviation

ASTM A820-90

Valid from

27/04/1990

Information provider

IHS Markit

Author

American Society of Testing and Materials

Information type

ASTM Standard

Format

PDF & Hard copy

Cited By

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Description

This specification covers minimum requirements for steel fibers intended for use in fiber-reinforced concrete. Four types of steel fibers for this purpose are defined as pieces of smooth or deformed cold drawn wire; smooth or deformed cut sheet; melt-extracted fibers; or other steel fibers that are sufficiently small to be dispersed at random in a concrete mixture.

This specification provides for measurement of dimensions, tolerances from specified dimensions, and required minimum physical properties, and prescribes testing procedures to establish conformance to these requirements.

In the case of conflict between a requirement of a product specification and a requirement of this specification, the product specification shall prevail. In the case of a conflict between a requirement of the product specification or a requirement of this specification and a more stringent requirement of the purchase order, the purchase order shall prevail. The purchase order requirements shall not take precedence if they, in any way, violate the requirements of the product specification or this specification; for example, by the waiving of a test requirement or by making a test requirement less stringent.

The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only.

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