

1722 - FIBROUS REINFORCEMENT FOR CONCRETE

SECTION 1722

FIBROUS REINFORCEMENT FOR CONCRETE

1722.1 DESCRIPTION

This specification covers fibers for use as reinforcement in concrete. Depending on the application, these fibers may serve as primary or secondary reinforcement.

1722.2 REQUIREMENTS

a. Provide fibers that are 100% virgin polypropylene, fibrillated, rough textured, interconnected fibers containing no reprocessed olefin materials and specifically manufactured as concrete reinforcement.

b. Provide fibers that are graded with a maximum length of 2 inches and a minimum tensile strength of 32 ksi.

1722.3 TEST METHODS

None Specified.

1722.4 PREQUALIFICATION

a. Manufacturers wishing to provide fibrous reinforcement for concrete for KDOT projects must be prequalified.

b. Submit a small sample to the Bureau of Materials and Research for prequalification. Include the following information:

- (1) Name, address and telephone number of the manufacturer and the preferred contact person.
- (2) Name of product and manufacturer's recommended dosage rate or rates.
- (3) Technical data sheets and test reports substantiating the above requirements.
- (4) Material Safety Data Sheets.

c. The submittal will be reviewed and the manufacturer will be notified of the results. The Bureau of Materials and Research will maintain a list of prequalified fibrous reinforcement.

1722.5 BASIS OF ACCEPTANCE

Prequalification as specified in **subsection 1722.4**.

Receipt and approval of a Type C certification as specified in **DIVISION 2600**.