1. **SCOPE**

1.1 **Description of Test**

The ductility of an emulsion residue is measured by the distance to which it will elongate before breaking when two ends of a briquet specimen of the material are pulled apart at a specified speed and at a specified temperature.

2. **APPARATUS AND MATERIALS**

2.1 **Equipment Required**

See ASTM D113.

3. **PROCEDURE**

3.1 **Test Procedure**

See ASTM D113.

4. **ADDED INFORMATION**

4.1 **References**

ASTM D113 Volume 04.03.

4.2 **General**

The release agent described in ASTM D113 has now been superseded. Instead, use a mixture of 1:100 Versamid in castor oil to separate the specimen from the base plate and side pieces. This grease-like material is preferred because it does not contaminate the water bath.

Ductility is considered an important characteristic of asphalt and indicates the adhesiveness of the asphalt, i.e. the ability of the asphalt to adhere to a stone without breaking away.
New __ Revision __X__ Date of Previous Document 86-04-08
Effective Date: __-__-
Description of Revision (Reason for Revision):
- Format of test procedure updated.

Review/Implementation Process:
- Reviewed by the Materials Section of the Technical Standards and Policies Branch.

Other Manuals/Policies Affected:
- Nil

Follow Up/Training Required:
- Nil

Comments/Concerns/Implications (Budget/Environment/Stakeholders):

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