

METHOD OF TEST FOR ABSOLUTE VISCOSITY OF ASPHALT CEMENT

1. SCOPE

1.1 This method covers the procedure for the determination of absolute viscosity of asphalt cements by a vacuum capillary viscometer at 60°C. It is applicable to materials having viscosities in the range of 4.2 to 20 000 pascal seconds (Pa·s).

1.2 The time is measured for a fixed volume of the liquid to be drawn up through a capillary tube by means of vacuum, under closely controlled conditions of vacuum and temperature. The absolute viscosity in poises is calculated by multiplying flow time in seconds by the viscometer calibration factor. This value divided by 10 will give the absolute viscosity in pascal seconds (Pa·s).

2. RELEVANT DOCUMENT

2.1 ASTM D 2171

3. PROCEDURE

3.1 Procedure of ASTM D 2171 shall be followed.