
HARDNESS MEASUREMENT HM-1

TEST PROCEDURE

This test method describes the procedure for Measuring the hardness of adhesive materials at 23°C ± 2°C.

EQUIPMENT USED

- **Model 306L Type Durometer**
- **Model 307L Type Durometer**
- **Calibrated Test Block**

The surface of the specimen should be clean, smooth and flat. The specimen should be at least .250 inch thick by 1 inch in diameter. If heat cured, allow the specimen to rest at room temperature for 1 hour before testing.

Place the specimen on a hard surface. Set the ancillary hand of the Durometer close to zero. Hold the Durometer vertically with the point of the indenter at the center of the specimen. Apply the presser foot to the specimen as rapidly as possible, keeping the foot parallel to the surface of the specimen. Hold for one or two seconds, the maximum reading can be obtained from the ancillary hand. Make five tests and use the average value.

CALIBRATION CHECK

Insert the indenter into the hole of the calibrated test block. Apply enough force to make firm contact between the top surface of the test block and the presser foot. The dial reading should agree with the value stamped on the test block
