

DOM 3073

Dome-plastometer



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The dome plastometer is used to assess permanent elongation of upper materials conforming to IUP 21.

It measures the shape retention/setting properties of upper materials after a simulated lasting/heat setting process. For this test, a predefined strain is applied to the sample, and then – still under strain – the sample is passed under a radiant heater. The test conditions can be modified in order to simulate manufacturing conditions as closely as possible. After cooling down, the strain is released and the area increase (permanent elongation) is determined. Thanks to its small size, the dome plastometer can also be passed through a heat setting machine in order to assess its efficiency.

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Phone: +49 6331 2490 0, E-Mail: peter.schultheis@pfi-germany.com