



# Test Specifications

**Title:** Outgassing

**ASTM Standard:** E 595

**Equipment:** N/A

**Test Description:** Outgassing is the measure of low molecular weight moieties that are present in a cured polymeric material that can migrate out over time. Outgassing can be accelerated under conditions of elevated temperature and low (vacuum) pressure. The outgassing test places materials at elevated and room temperature for predetermined times, all under vacuum. The weight difference before and after exposure is recorded and used to calculate weight loss, or outgassing, (reported as % change). Materials are tested in accordance with *American Society for Testing and Materials E 595 Standard test method for Total Mass Loss and Collected Volatile Condensable Materials from Outgassing in a Vacuum Environment.*

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