



RESISTANCE OF PAINTED PLASTIC PARTS TO HIGH PRESSURE CLEANING OPERATIONS

Application

This procedure defines the test equipment and test method for the resistance of painted plastic parts (e.g., bumper bars, mirror housings, radiator grills) against high pressure cleaning processes.

Equipment Required

High Pressure Cleaning Equipment:

Source: Walter Cleaning Systems
Neue Heimat 16
74343 Sachsenheim-Ochsenbach
Germany

Or equivalent instrument suitable to provide the required temperature, pressure and flow rate of water, with a fixed or moving head/sample.

Jet Type & Source: QVVA 2506
Spraying Systems Company
See the website http://www.spray.com for the local agent.

Or equivalent.

Scriber/Knife Type:

See FLTM BI 106-1, section "Apparatus required"

Settings

Method A, fixed jet:

Jet position: Perpendicular to specimen
Water temperature: 70 °C +/- 2 °C
Distance of nozzle to specimen: 50 mm +/-3 mm
Water pressure: 3000 +/-50 kPa
Testing time: 60 seconds, +/- 3 seconds
Water flow rate: 420 litres/hour minimum

Table with 4 columns: Date, Action, Revisions, Rev 03. It contains three rows of revision history.