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Report of test results

Test fire performance of the aqueous extinguishing liquid AVD applied in conjunction with a portable EN 3 portable fire extinguisher

Product name: AVD 170/3000 (Aqueous Vermiculite Dispersion),
batch no.: 140488 / sample 1684
The liquid AVD was filled into a 9 liter portable, stored pressure
fire extinguisher with the following characteristics:
- cylinder capacity 13.2 liter
- working pressure 15 bar at 20 °C (nitrogen)
- fog nozzle model 2CSFH3-00.00/W3

Receipt of the test sample: 15th September 2014

Test specification: Clause a) – 3 kg magnesium alloy swarf –
of the national appendix NA – test fire rating class D –
of DIN EN 3-7:2017-09 Portable fire extinguishers

Test date and site: September 18, 2014, MPA Dresden GmbH Freiberg, Germany

Test course: 3 kg swarf of light metal alloy with 85% magnesium in a
50 cm by 50 cm steel sheet metal tray were ignited. Then 50% of
the metal burned the whole contents of the above mentioned fire
extinguisher was applied to the test fire.
10 min after the extinction the test object was opened.
Unburned remains of swarf were detected.

Test result: Test fire extinguished. Test passed.



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