

Water absorption

ARPRO performance regarding water absorption has been evaluated according to the DIN 53 428 test method.

Test method: Cut samples of 50*50*50mm are prepared. The samples are then immersed in distilled water during 1 day and 7 days. The weight difference before and after immersion is calculated in order to evaluate the water absorption in weight. The final result is expressed as the percentage increase in total volume.

Immersion time	Water absorption * (vol. %)
1 day	~ 1
7 days	~ 2.5

* Parameters such as moulding conditions and density can influence the water absorption.