## MASS CHANGE

A. Purpose: To determine the change in mass.

B. Materials Tested: Adeka Ultraseal MC-2010M.

C: Test Method: The sample was dried to eliminated any initial moisture. The sample was dried for 25 days at 50° C. RESULTS IN TABLE 2. The sample was then weighed and then immersed in water for 38 days. After immersion the sample was removed and dried for 23 days at 50° C. RESULTS IN TABLE 3.

| | 0 DAYS | | 25 DAYS | |
|---|---|---|---|---|
| MC-2010M | WT (g) | 12.581 | WT (g) | 12.296 |
| | % | 0.0% | % | 1.2% |

TABLE 2

| | | 0 DAYS | 38 DAYS (WET) | 23 DAYS (DRY) |
|---|---|---|---|---|
| MC-2010M | WT(g) | WT (g) | 11.565 | 11.262 |
| | 0% | 0% | 87.6 | 2.6 |

TABLE 3

MASS CHANGE = (WT% CHANGE (23 DAY DRYING TIME AFTER IMMERSION) MINUS (ORIGINAL WT% CHANGE BEFORE IMMERSION). RESULTS IN TABLE 4.

| | Mass Change | Method |
|---|---|---|
| MC-2010M | 1.4 wt% | 2.6 wt% - 1.2 wt% |

TABLE 4

**Mass Change of MC-2010M = 1.4% wt%.**

The mass change difference indicates very little loss of hydrophilic agent in the MC-2010M.