

Mono-ethanol-amine compatibility with AFLAS®



Test method Soaked into Mono-ethanol-amine at 80C for 720 hours.
Test fluid Mono-ethanol-amine
Test piece AFLAS® (standard formulation)

Formulation

| | |
|-----------------|-----|
| AFLAS® 150P | 100 |
| MT-Carbon(N990) | 30 |
| TAIC* | 5 |
| Perkadox® 14** | 1 |
| Sodium Stearate | 1 |

(phr)

| Mono-ethanol-amine compatibility 80°C for each time | AFLAS® 150P Volume change (vol%) | AFLAS® 150P Hardness change (IRHD) | ref. FKM Volume change (vol%) | ref. FKM Hardness change (IRHD) |
|--|--|--|-------------------------------------|---------------------------------------|
| Original | 0 | 70 | 0 | 70 |
| 24 hours | 0.2 | 70 | 6.7 | 62 |
| 168 hours | 2.3 | 68 | 31.7 | 53 |
| 720 hours | 5.4 | 65 | 60.4 | 51 |

* Triallylisocyanurate

** 1,3-bis(t-butylperoxy)-diisopropylbenzene. Perkadox® is a registered trademark of Akzo Nobel Chemicals B.V.

NOTE: The data listed here represents typical values. This information should be used as a guide only and not to establish specification limits or design criteria. AGC Chemicals Americas assumes no obligation or liability for any advice furnished by us or for results obtained with respect to this product. All such advice is provided free of charge and the buyer assumes sole responsibility for results obtained in reliance thereon.