

## n-Hexane compatibility with AFLAS®



**Test method** Soaked into the fluid at 25°C for 168 hours.  
**Test fluid** n-Hexane  
**Test piece** AFLAS® 100S (standard formulation)

### Formulation

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

(phr)

### Cure Conditions

Press molded at 170C for 20min  
Post cured at 200C for 4h

Properties (before test)	AFLAS® 100S	ref. 2-FKM(polyol)
Tensile strength [MPa]	20	14
Tensile Elongation [%]	230	212
Hardness [shore-A]	72	78

n-Hexane compatibility 25 °C for 168 hours	AFLAS® 100S	ref. 2-FKM(polyol)
Change of Tensile Strength [%]	-52	-3
Change of Tensile Elongation [%]	-39	-12
Change in Hardness [points]	-18	1
Volume change [%]	22	0

\* Triallylisocyanurate

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