

n-Hexane compatibility with AFLAS®



Test method Soaked into the fluid at 25°C for 168 hours.
Test fluid n-Hexane
Test piece AFLAS® 150P (standard formulation)

Formulation	AFLAS® 150P	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® 150P	ref. 2-FKM(polyol)
Tensile strength [MPa]	17	14
Tensile Elongation [%]	280	212
Hardness [shore-A]	70	78

n-Hexane compatibility 25 °C for 168 hours	AFLAS® 150P	ref. 2-FKM(polyol)
Change of Tensile Strength [%]	-50	-3
Change of Tensile Elongation [%]	-30	-12
Change in Hardness [points]	-21	1
Volume change [%]	22	0

* Triallylisocyanurate

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