

# Trimethyl Phosphite compatibility with AFLAS®



**Test method** Soaked into the fluid at room temperature for 72 hours.  
**Test fluid** Trimethyl Phosphite  
**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
Tensile strength [MPa]	17
Tensile Elongation [%]	280
Hardness [shore-A]	70

Trimethyl Phosphite compatibility R.T. for 72 hours	AFLAS® 150P
Change of Tensile Strength [%]	-35.8
Change of Tensile Elongation [%]	-15.2
Change in Hardness [points]	-25
Volume change [%]	25.8

\* Triallylisocyanurate

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