

## Turbine Oil (Aeroshell 560) compatibility with AFLAS®



**Test method** Soaked into the fluid at 175°C for 100 hours  
**Test fluid** Turbine Oil (Aeroshell 560)  
**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]	16.7
Tensile Elongation [%]	251
Hardness [shore-A]	71

Turbine Oil 560 compatibility 175 °C for 100 hours	AFLAS® 150P
Change of Tensile Strength [%]	-7
Change of Tensile Elongation [%]	20
Change in Hardness [points]	-1
Volume change [%]	7

\* Triallylisocyanurate

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