

AdBlue compatibility with AFLAS®



Test method Soaked into AdBlue at 120C for 336 hours and 504 hours.
Test fluid AdBlue
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]	15.3
Tensile Elongation [%]	318
Hardness [shore-A]	70

AdBlue compatibility 120 °C for 336 hours	AFLAS® 150P
Change of Tensile strength [%]	1
Change of Tensile Elongation [%]	11
Change in Hardness [points]	-2
Volume change [%]	0

AdBlue compatibility 120 °C for 504 hours	AFLAS® 150P
Change of Tensile strength [%]	1
Change of Tensile Elongation [%]	7
Change in Hardness [points]	-3
Volume change [%]	0

* Triallylisocyanurate

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

The AdBlue® trademark is currently held by the German Association of the Automobile Industry (VDA - Verband der Automobilindustrie).