

Product : FXN-111-WG-22

Adsorbent (For Volatile Organic Compounds)



Product Description

Purpose: Adsorbent for Volatile Organic Compounds

Application: Gas Phase Adsorption of Toluene, Xylene, Benzene, etc.

Adsorption

Principal: The size of porous of Sodium Aluminosilicate and Zeolite which contain in this product is about $>5 \text{ \AA}$, and that are suitable sizes for physical adsorption of particles of Toluene, Xylene, Benzene.

Direction of Use:

Spray Coating (Recommending Nozzle Size: (0.3~0.5mm), Impregnate to Non-Woven Fabrics, Direct Coating.

Storage: Store in cool and dark place.

Notice:

*Stir well before use.

*The main components will deposit during storage similar to corn starch which can be mixed easily by stirring.

*The main Components, Sodium Aluminosilicate and Zeolite, will become white powder form after drying when coating on dark color surface materials. Recommend to have pre-coating test.

*Beware not to damage the condition of decorative surface (mirror finished surface) of furniture by limit the spray volume (1-2 times). Apply larger volume to possible coating spots such as back-side, cutting edge, slits and other.

*Do not spray against persons and animals.

Technical Information

Appearance: Liquid

Color: White cloudy (The main components will be deposited in bottom. need to stir well before use).

Component: Sodium Aluminosilicate, Zeolite, Polyester Resin, Purified Water, etc.

NVM: $<10\%$

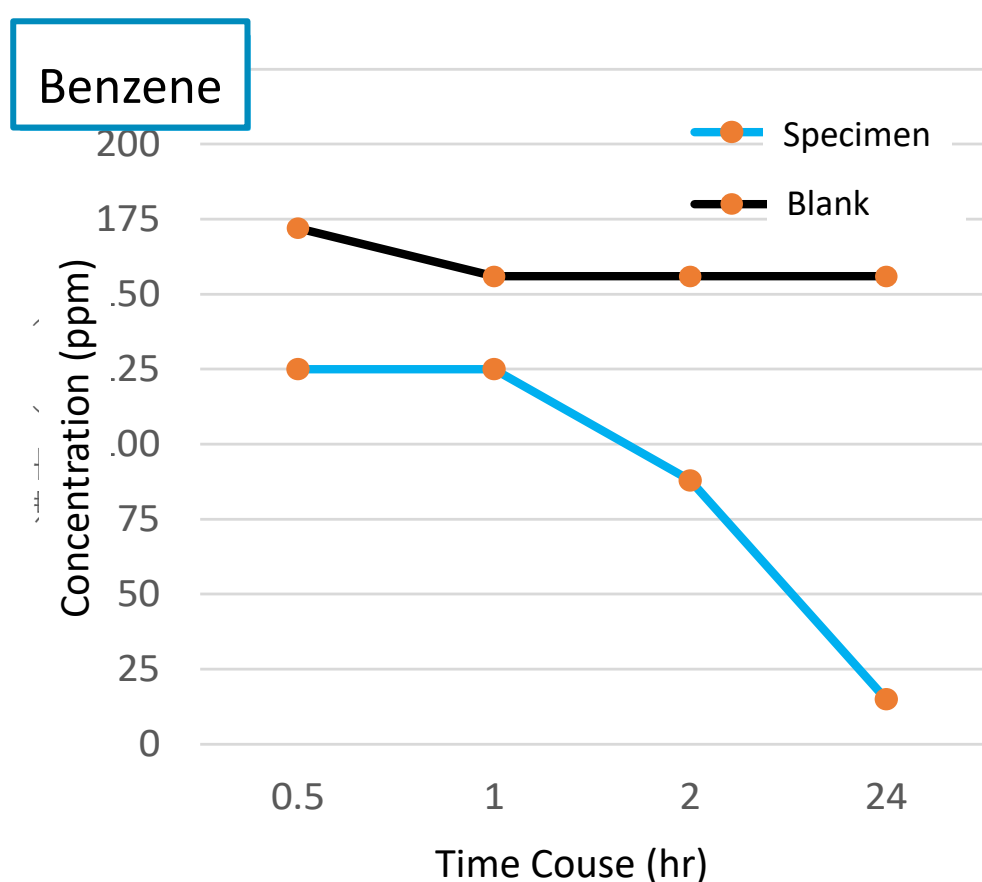
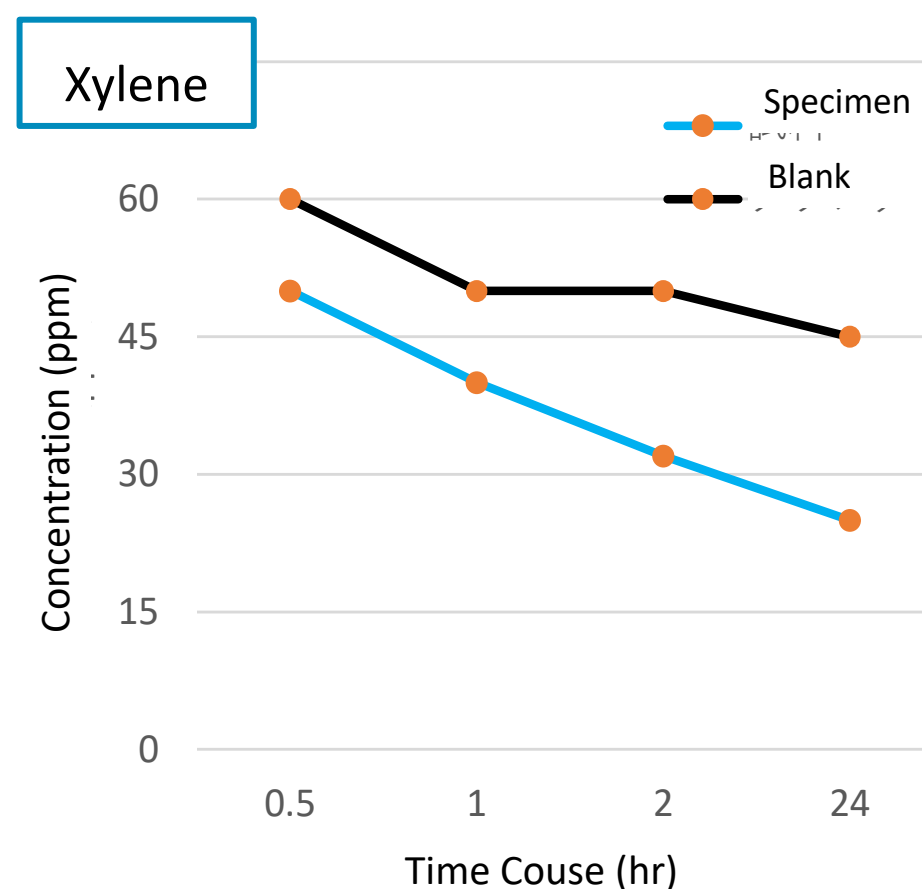
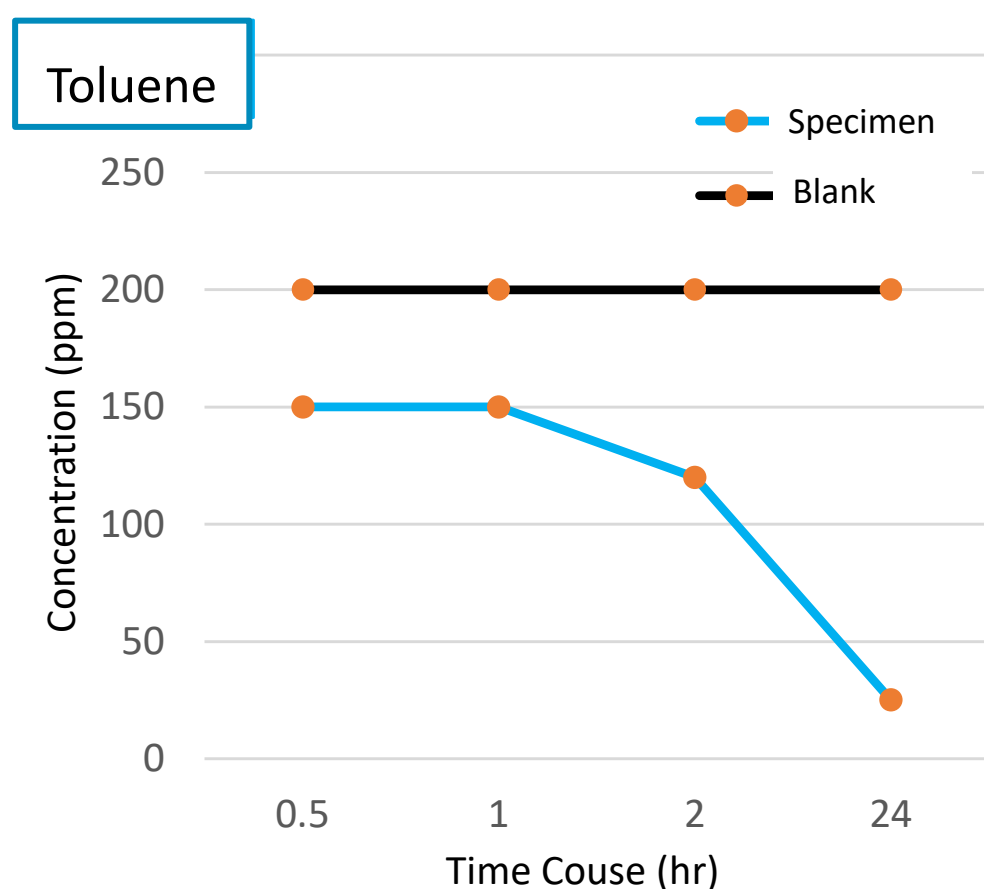
pH: 8.8~9.2

Viscosity: 1.0~3.0mPa·sec

Solubility: Become muddy in water.

Test Result

Target	Test Specimen	1.0 (hr)	0.5 (hr)	2.0 (hr)	24 (hr)	Reduction Rate In 24 Hours
Toluene	Specimen	150	150	120	25	88%
	Blank	200	200	200	200	
Xylene	Specimen	40	50	32	25	44%
	Blank	50	60	50	45	
Benzene	Specimen	125	125	88	15	90%
	Blank	156	172	156	156	



Above data were reported by Airex Co., Ltd., The Academic-Industrial Collaboration Laboratory with Tokai University