

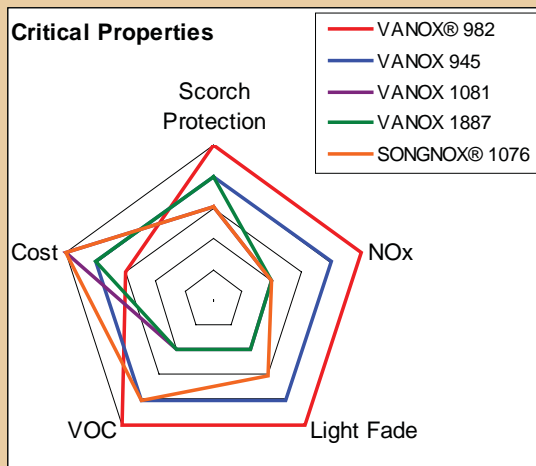
	VANOX® 982	VANOX 945	VANOX 1081	VANOX 1887	SONGNOX® 1076
Composition	Antioxidant Blend	Antioxidant Blend	p,p-dioctyl-diphenylamine	Mixed alkylated diphenylamines	Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate
Physical State	liquid	liquid	powder	liquid	powder
Color	amber	clear gold	off-white	clear	white
Density at 25°C, Mg/m ³	0.97-1.01	0.97-1.01	0.99-1.02	0.96-1.00	1.01-1.03
Melting Temperature, °C	---	---	95-100	---	49.0
<i>Critical Properties</i>					
Scorch Protection	√	√		√	■
Light Fade	√	√			■
Volatility	√	√	√		√
NO _x	√	√			
	<p>VANOX 982 is a patent-pending, less volatile scorch inhibitor for use in polyurethane slab stock foam production. Compared with competitive liquid blends, VANOX 982 measurably reduces temperature build observed during post production and better suppresses foam-core decomposition known as scorch. It also features lower levels of color-contributing additives, reducing yellowing resulting from warehouse storage and ambient light exposure. VANOX 982 is a process-friendly blend designed for easy transfer into polyol tanks. With its superior level of protection, color reduction and ease of use, VANOX 982 is an excellent scorch inhibitor choice.</p>	<p>VANOX 945 offers superior scorch protection when used in polyol, which provides greater compound flexibility. It can be used to boost existing polyol inhibitor packages, especially during hot and humid summer months when scorch is a bigger issue. VANOX 945 is less volatile than competitive products, which may improve air quality and fogging test results. VANOX 945 is better at retarding color development in foams exposed to NO_x, which provides less discoloration, especially during long-term storage.</p>	<p>VANOX 1081 is a specially purified granular, aromatic amine antioxidant for nonstaining and non-discoloring applications, including high performance hot-melt urethanes and urethane polyol inhibitor packages.</p>	<p>VANOX 1887 is an effective supplemental liquid amine antioxidant recommended for use in flexible polyurethane foam formulations that tend to scorch.</p>	<p>SONGNOX 1076 is a primary antioxidant for polyurethane polyols. It provides long-term heat stability by protecting physical properties during storage and use of the end-product. This material can be used to boost existing polyol inhibitor packages, especially during hot and humid summer months when scorch is a bigger issue.</p>
√ Highly Effective					
■ Recommended					

R.T. Vanderbilt Company, Inc. prides itself on being an industry leader in polyurethane scorch inhibitors.

These materials, a class of antioxidants, reduce the degradation observed during polyurethane slab stock foam production.

Vanderbilt's liquid scorch inhibitors can often be added directly to the polyol copolymer.

These materials measurably decrease color deterioration and help control potential temperature runaway. Vanderbilt also supplies a number of other materials that can be used to 'boost' PU stabilization packages, especially during the hot and humid summer months.



For a complete listing of Vanderbilt products, please visit www.rtvanderbilt.com

Please contact us for further information on the Vanderbilt products described in this folder. Samples and Technical Data Sheets are available on request.

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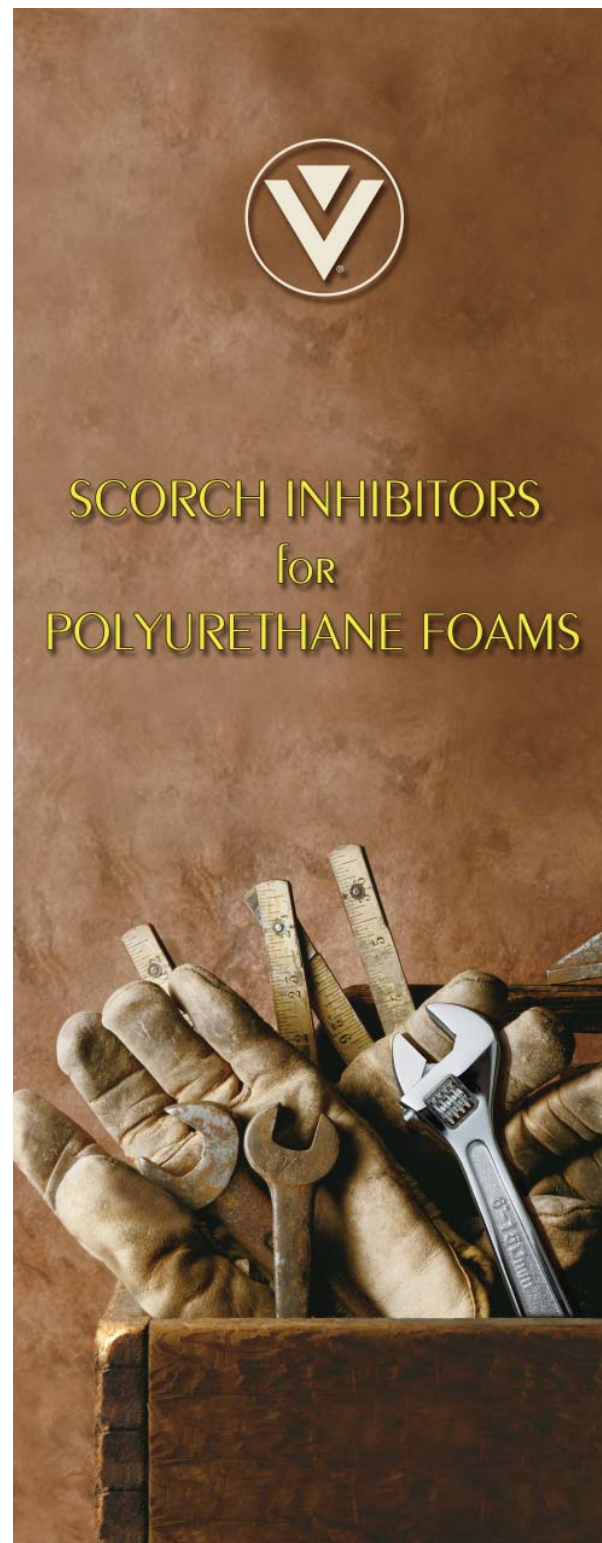
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for
POLYURETHANE FOAMS**