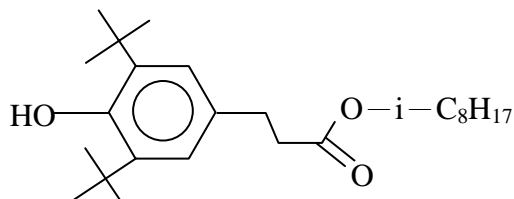


EVERNOX[®] 1135

Phenolic Primary Antioxidant for Processing and Long-Term Thermal Stabilization

Chemical Name Benzenepropanoic acid, 3,5-bis(1,1-dimethyl-ethyl)-4-hydroxy-.C7-C9 branched alkyl esters

Structure



Molecular Weight 390 g/mol

CAS Number 125643-61-0

Specification	<u>Criterion</u>	<u>Requirement</u>
	Appearance	colorless to slightly yellow liquid
	Density (20°C)	0.95-1.00 g/cm ³
	Vapor Pressure(25°C)	1.5E-3 Pa
	Viscosity (25°C)	300-500 cSt
	Viscosity (40°C)	95-150 cSt

Physical Properties

Melting Range	<-6°C
Boiling Point	>200°C
Flash Point (°C)	210°C
Solubility (20°C)	% w/w
water	<0.01
acetone	>50
benzene	>50
chloroform	>50
1,1-dichloromethane	>50
ethyl acetate	>50
methanol	>50
Volatility (TGA, in air at 20°C/min)	
Temp.(°C) at 1 % weight loss	160°C
Temp.(°C) at 10 % weight loss	200°C

Applications	For the stabilization of polyurethane flexible slabstock foams, EVERNOX-1135 prevents the formation of peroxides in the polyol during storage, transport, and further protects against scorching during foaming.
Handling & Safety	EVERNOX-1135 should be handled with care and prevent contamination of the environment. For more detailed information, please refer to the material safety data sheet.
Packing	The following packages are available upon customer's request : (1) 190-kg iron drum. (2) Other specific request.
Transportation	EVERNOX-1135 is not a dangerous material according to the transportation regulations.
Storage	No special safety measures are required. Usual precautions for handling chemicals are observed.



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