

Technical Data Sheet

SUNTARD 46S

Chemical Components

Modified Phosphorus polyol, non-halogenated, Hydrolytic Stabilizer

Description

Halogen-free flame retardants/ Reactive flame retardants

Specifications

Appearance	Yellowish clear liquid
Acid number (mg KOH/g)	≤3
Hydroxy number (mg KOH/g)	350-550
Water content(%)	<0.1
Heavy metal(ppm)	< 20
Tin(ppm)	< 0

Applications

SUNTARD 46S is primarily designed for use in the production of special low fogging flexible PU foam, rigid PU foam, TPU, Polyester, Epoxy, etc.. The product is characterized by a high phosphorus content and high flame retardancy performance

SUNTARD 46S is a reactive flame retardant and is designed to be chemically reacted into the polymeric matrix. For PU application, the SUNTARD 46S is not good solubility with polyether due to low hydroxyl numbers and we recommend that SUNTARD 46S is usable in conventional facilities by direct injection into the mixing head

Delivery & Storage

Package	20kg net / pale drum, 100kg net / PE drum, 200kg net / PE drum		
Storage	Keep package closed and Store dark and dry	Shelf Life	2 years