
Description

ANTIBLAZE 81 flame retardant is a neutral, chlorinated phosphate ester that provides reduced volatiles and lower odor than standard TMCP grades. This additive flame retardant may be combined in either side of a two-component urethane package to achieve outstanding long-term storage stability.

Applications

ANTIBLAZE 81 flame retardant is a low-viscosity flame retardant with low odor and reduced volatiles content that is particularly well-suited for the manufacture of flame-retardant flexible polyether polyol polyurethane foams.

In rigid foams, ANTIBLAZE 81 flame retardant is suitable for use in two-component spray, pour-in-place, or discontinuous-panel foams employing pentane, water, third-generation HFCs, or a combination of these blowing agents

ANTIBLAZE 81 flame retardant may also be used in acrylic lattices, vinyl co-polymers, nitrocellulose lacquer and epoxy resins.

Typical Properties

Appearance/form	clear liquid
Acid number, mg KOH/g	0.1
Specific gravity @ 20 °C.....	1.29
Viscosity, cps @ 20°C.....	78
Boiling point, °C (decomposes).....	>200
Phosphorus, wt.%	9.4
Chlorine, wt.%	33

These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.

PROSTAR CHEMICALS CO., LTD.

9 JAN 1998