

Arabian Agencies and Trading FZCO
Technical Data Sheet
AAT CAT 105E–(33LV)

- **Product Description**

AAT Cat 105E- (33 LV) imparts a high level of activity and good physical properties to flexible foam systems. Optimum performance of this catalyst can be achieved when it is used in conjunction with AAT CAT-108E (A1) in flexible foam formulation.

- **Typical Physical Properties**

Form	Liquid
Specific gravity, 20/20°C	1.03
Viscosity at 24°C, cps	100
Solubility in water at 20°C	Infinite
Solubility in polyol at 20°C	Complete
Flash Point, Pensky Martens	
Closed cup (ASTM D 93), °C	97
Vapor Pressure, mmHg at 38°C	2

- **Performance Evaluation**

AAT CAT-105E (33LV) was evaluated using bench foam techniques. The effects of varying tin at constant amine and varying amine at constant tin were both evaluated. The ranges of tin and amine concentrations were well within the "Operating ranges" of each. The dependent variables measured were: Reactivity, top collapse, height of rise, breathability, density, cell account, and Foam hardness (IFDs). Top and bottom gradients for breathability and density were defined.

- **Packaging of CAT 105E -(33LV)**

Packing in pails	25 kgs
Packing in Drums	200 kgs