We create chemistry

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Irgastab® PUR 67

Anti-scorch package for polyols

Characterization

Irgastab PUR 67 is a novel liquid heat stabilizer blend for polyether- and polyester-based flexible foams. It is a BHT free blend containing a low amount of aminic antioxidant.

Applications

Irgastab PUR 67 is particularly suitable for the stabilization of polyols used for the manufacture of PUR flexible foams. Irgastab PUR 67 can also be added with additional antioxidants and/or costabilizers (e. g. phosphites) and/or light stabilizers (e. g. HALS, UVA).

Features/benefits

Irgastab PUR 67 exhibits good resistance to scorch, fogging, and textile staining. It particularly confers outstanding resistance to foam discoloration after gas and/or light exposure. Irgastab PUR 67 is a pourable liquid allowing dust free handling, automatic dosage and shortening of mixing time. It increases productivity by reducing weighing and metering to one single operation.

Product forms

Irgastab PUR 67	light yellow liquid product

Guidelines for use

In slabstock polyol applications, the concentration of Irgastab PUR 67 ranges between 0.4 % and 0.45 % depending on the degree of stabilization desired. In molding polyol grades, levels of 0.05 % to 0.1 % of Irgastab PUR 67 are recommended.

Additional performance data in polyols are available upon request.

Physical properties

Viscosity (40 °C)	200 – 300 mm^2/s
Vapor pressure (20 °C)	< 3 E-3 Pa
Relative density (20 °C)	0.95 – 1.00

Solubility (20 °C)	**g/100 g solution**
Water	< 0.1

Health & Safety

Irgastab PUR 67 exhibits a very low order of oral toxicity and does not present any abnormal problems in its handling or general use.

Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant health and safety information sheet.

Note

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