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Irgastab® PUR 68

Amine free package for polyols

Characterization

Irgastab PUR 68 is a novel liquid heat stabilizer blend for polyether- and polyester-based flexible foams. It is a BHT-free and amine-free blend.

Applications

Irgastab PUR 68 is particularly suitable for the stabilization of polyols used for the manufacture of PUR flexible foams. Irgastab PUR 68 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 68 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 68 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 68 clear to slightly yellow liquid product

Guidelines for use

In slabstock polyol applications, the concentration of Irgastab PUR 68 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 68 are recommended.

Additional performance data in polyols are available upon request.

Physical properties

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

Solubility (20 °C)

Water	g/100 g solution < 0.1
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Health & Safety

Irgastab PUR 68 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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