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Irgastab® PVC 76

Liquid stabilizer emulsion PVC polymerization processes

Characterization

Irgastab PVC 76 is a 45 % active solvent free emulsion of a low volatile and non-discoloring stabilizer which provides very good protection against thermo-oxidative degradation of PVC.

Applications

Irgastab PVC 76 is particularly suitable for the stabilization of Suspension PVC.

Irgastab PVC 76 can conveniently be incorporated into the S-PVC polymerization process in an accurate desired amount.

Features/benefits

Irgastab PVC 76 confers:

- Very good thermal and processing stability to S-PVC resins
- Productivity, efficiency, friendly use in S-PVC plants; Irgastab PVC 76 is a very stable emulsion which does not lead to deposits of solid particles in the pumping systems and other process equipments.
- Sustainability to the PVC industry from an environmental aspect. Irgastab PVC 76 is a solvent free emulsion which has the required FDA approvals in PVC.

Product form

White liquid emulsion

Guidelines for use

In S-PVC applications, the concentration of Irgastab PVC 76 ranges between 50 ppm and 600 ppm depending on the incorporation point into the S-PVC process and the degree of stabilization desired.

Physical properties

Particle size	D50 ≤ 2 μm
pH	6–6.5
Viscosity (25 °C)	400 mPas (shear rate (1/s): 58)

Health & Safety

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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