STABAXOL® P 200

Function
Antihydrolysis agent for polyester polyurethanes and thermoplastic polyester polyurethanes (TPU).

Product description
Chemical composition: polymeric carbodiimide
Physical form: viscous, bright yellow liquid
Density (25 °C): 1.10 g/cm³
Freezing point: < 5 °C
Viscosity (23 °C): 1.000 - 6.000 mPa.s
Solubility: soluble in organic solvents e.g. acetone, dichloromethane
Solubility in water: soluble
Carbodiimide-content: min. 6.0 %
Jodine colour number: max. 25
OH-value, theoretical: 13 mgKOH/g

Product information
Stabaxol® P 200 is an antihydrolysis agent for:
- hot casting polyester polyurethanes,
- polyurethane shoe-sole systems based on polyester polyols
- polyester polyurethane adhesives,
- thermoplastic polyester polyurethanes (TPU) as well as

It is recommended to add 1.0 - 4.0 p.b.w. Stabaxol® P 200 on 100 p.b.w. of the polyol component. However, prior tests should always be carried out to determine the most suitable dosage. Upon processing Stabaxol® P 200 is normally being dissolved in the polyester polyol; alternatively, it may be added to the pre-polymers (only with terminal OH groups) or may be added directly into the mixing head in case of cast systems.

Packing
Metal cans, contents 10 kg and 50 kg
Metal drums, contents 220 kg
Plastic container, contents 1 000 kg

Storage stability
Stabaxol® P 200 can be kept for 12 months under cool and dry conditions.
Handling
Consult material safety data sheet (MSDS) for additional handling information on Stabaxol® P 200.

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