

STYACRYL PS 48

Paper Polymer Emulsion

Version: 1.1/ 2015

TDS EU/EN

Characteristic

Styacryl PS 48 is surface sizing agent for paper and board based on modified styrene - acrylate copolymer.

Application

- △ Surface sizing agent for paper and board.
- △ Excellent resolubility.
- △ Fast drying.
- △ Long running times without cleaning of the pressure roll
- △ Outstanding printability.
- △ Prevents crinkling in paper coatings.
- △ Good compatibility

Usage

- In general emulsion applied with starch. Addition into starch solution may be in the starch tank or into pipeline, before or after starch supply pump.
- Emulsion is compatible with many chemicals, like dyes, brighteners, etc.
- Emulsion is resistant to cationic strongly acids. Will not harmed by a reduction in PH.
- Styacryl PS25 consumption is depends on type and degree of sizing of the base paper, sizing requirements, etc. In general 0.2 – 0.5 g/m² of paper sufficient.

Packing

Available in 200 l PE drums, IBC container or bulk

Technical Data

<u>Appearance</u>	Milky white emulsion
<u>Stabilization</u>	Slightly anionic
<u>Odor</u>	Weakly
<u>PH</u> DIN ISO 976	6.0 ± 1
Solids Content (%) (DIN ISO 1624, 2h - 105C)	48 ± 1
<u>Viscosity</u> DIN ISO 2555 Brookfield Spindle 2/20	≤ 500 mPa.s
<u>Density</u> 20 °C, DIN EN 2811-1	approx. 1.04 g/cm ³
Storage stability	Protect from freezing and direct sunlight at 5°C to 25°C for no longer of one year

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