

Styrene 10/a

Order No. 67 23 301

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Application Range

Standard Measuring Range:	10 to 200 ppm
Number of Strokes n:	max. 15
Time for Measurement:	max. 3 min
Standard Deviation:	± 15 to 20 %
Color Change:	white \rightarrow pale yellow

Ambient Operating Conditions

Temperature:	15 to 40 °C
Absolute Humidity:	< 15 mg H ₂ O / L

Reaction Principle

$\text{C}_6\text{H}_5\text{-CH=CH}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{pale yellow reaction product}$

Cross Sensitivity

Other organic compounds which tend toward polymerization (e. g. butadiene) are indicated, but with different sensitivities. It is impossible to measure monostyrene in the presence of these compounds.



ST 5746-2004