

Styrene 10/b

Order No. 67 33 141

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Application Range

Standard Measuring Range:	10 to 250 ppm
Number of Strokes n:	20
Time for Measurement:	approx. 3 min
Standard Deviation:	± 15 to 20 %
Color Change:	white → red brown

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	3 to 15 mg H ₂ O / L

Reaction Principle

$C_6H_5-CH=CH_2 + HCHO \rightarrow$ red brown reaction product

Cross Sensitivity

Other organic compounds, which react with the formaldehyde/sulfuric acid indicating system (e. g. xylene, toluene, butadiene and ethyl benzene) affect the indication. It is impossible to measure monostyrene in the presence of these compounds.

No interference by:

200 ppm methanol

500 ppm octane

400 ppm ethyl acetate



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