

Order No.

67 33141

Styrene 10/b

Standard Measuring Range : 10 to 250 ppm
Number of Strokes (n) : 20
Time for Measurement : app. 3 min
Standard Deviation : ± 15 to 20 %
Colour Change : white \rightarrow red brown

Ambient Operating Conditions

Temperature : 0 to 40 °C
Absolute Humidity : 3 to 15 mg H₂O / 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/sulphuric 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



ST-145-2001