

Ethylene Glycol 10

Catalog No 8101351

Standard Measuring Range:	10 to 180 mg/m ³ , corresponds to 4-70 ppm
Number of Strokes (n):	10
Time for Measurement:	about 7 minutes
Standard Deviation:	± 20 to 30%
Color Change:	white to pink

Ambient Operation Conditions

Temperature:	10 to 35°C
Absolute Humidity:	2 to 15 mg H ₂ O/L

Reaction Principle

- OH-C₂H₄-OH → HCHO
- HCHO + C₆H₄(CH₃)₂ + H₂SO₄ → quinoid reaction products

Cross Sensitivity

Styrene, vinyl acetate and acetaldehyde are indicated with a yellowish brown discoloration.

It is impossible to measure ethylene glycol in the presence of formaldehyde and ethylene oxide because they produce the same discoloration.

Additional Information

The reagent ampule must be broken before carrying out the measurement.



Dräger

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