

Cover glass specification as stated below.

Optical properties of D 263™ M

- Refraction indices (as delivered)
- n_e ($\lambda = 546.1\text{ nm}$): 1.5255 ± 0.0015
- n_D ($\lambda = 589.3\text{ nm}$): 1.5230
- Abbe number v_e : 55
- The light transmittance for glass thickness of 0.15 mm τ_{VD65} in % ($d=0.15\text{ mm}$) = $91.7 \pm 0.3\%$.
- D 263 M is free of absorption in the visible spectral range. Due to UV absorption, D 263 M is also suitable for fluorescence microscopy.

Chemical properties of D 263™ M

- Hydrolytic stability in accordance with DIN ISO 719
- Hydrolytic class: HGB 1
- Base equivalent as Na_2O per glass grain in $\mu\text{g/g}$: 20
- Acid stability in accordance with DIN ISO 12 116
- Acid class: S2
- Half surface weight loss after 6h in mg/dm^2 : 1.4
- Alkaline stability in accordance with DIN ISO 695
- Alkali class: A2
- Surface weight loss after 3h in mg/dm^2 : 88



Mark Wilson CSci FIBMS

Senior Channel Manager, EMEA
Microscope Slide and Cover Glass

Epredia

Tudor Road, Manor Park, Runcorn, Cheshire. WA7 1TA
Direct Tel: +44 (0)1985 211528 | Mob: +44 (0)7825106441
Customer Service +31 76 799 6067
mark.wilson@epredia.com | epredia.com

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