JENODUR 304
Multilayer Antireflection Coating

Optical properties:
- \( R_{\text{abs}} \leq 0.5\% \) per surface at 0° angle of incidence
- \( R_{\text{avg}} \leq 0.3\% \) per surface at 0° angle of incidence
- \( R_{\text{abs}} \leq 1.0\% \) per surface at 45° angle of incidence
The bandwidth for \( R_{\text{abs}} \leq 0.5\% \) is \( \lambda_1/\lambda_2 = 1.6 \).

Applications:
JENODUR 304 is a convenient standard broadband antireflection coating for visible light.
Because of its favourable properties it is used with the specified bandwidth in the wavelength range from 395 nm to 1650 nm.
The angle of incidence is 0° or 45°.

Durability:
- Humidity: MIL-C-675 C / section 4.5.8
- Abrasion resistance: MIL-C-675 C / section 4.5.11
- Adhesion: MIL-C-675 C / section 4.5.12
- Temperature change: MIL-C-48497A / section 4.5.41 (tested on BK7 and quartz glass substrates)

Substrate material:
Transparent optical glass with \( 1.45 < n < 1.9 \) and quartz glass.
Please, indicate the type of substrate or its refractive index.

Special features:
Other specification on request.

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