JENODUR 308

Broadband Antireflection Coating

Data Sheet

### Optical properties:
- $R_{ave} < 0.85\%$ per surface at $0^\circ$ angle of incidence
- $R_{abs} < 1.1\%$ per surface at $0^\circ$ angle of incidence for $450\ nm \leq \lambda \leq 850\ nm$ and $0^\circ$ angle of incidence

### Applications:
- JENODUR 308 is a convenient and very durable standard broadband antireflection coating for visible light. The first layer to air and to vacuum, respectively is SiO, to additionally increase the resistance (e.g., as required in space applications).

### Durability:
- Adhesion: MIL-C-48497A / section 4.5.3.1
- Humidity: MIL-C-48497A / section 4.5.3.2
- Abrasion resistance: MIL-C-48497A / section 4.5.5.1
- Temperature change: MIL-C-48497A / section 4.5.4.1
- Solvent resistance: MIL-C-48497A / section 4.5.4.2

### Substrate material:
- Transparent optical glass with $1.45 < n < 1.82$ and quartz glass.
- Please indicate the type of substrate or its refractive index.

### Non-binding curve by way of example

Other specifications on request!