JENODUR 313

Super Broadband Antireflection Coating

Optical properties:
\[ R_{avg} \leq 1.2 \% \text{ per surface} \]
for 325 nm \( \leq \lambda \leq \) 1000 nm and 0° angle of incidence

Applications:
JENODUR 313 is a convenient super broadband antireflection coating for visible light from the UV to the NIR.
It includes the hole range of sensitivity of silicon receivers.

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 4.5.3.3
Temperature change: MIL-C-48497A / section 4.5.4.1
Solvent resistance: MIL-C-48497A / section 4.5.4.2

( Tested on BK7 and quartz glass substrates.)

Substrate material:
Transparent optical glass with 1.43 < n < 1.62, quartz glass, and calcium fluoride.
Please, indicate the type of substrate or its refractive index.

Special features:
Please contact us if you need an other wavelength range or an other angle of incidence.

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