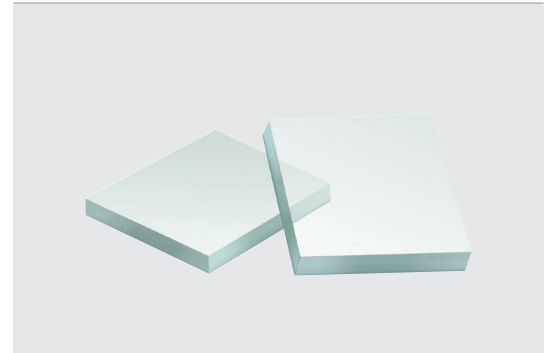


Iralin™ 185L

Primary Source for Electrically Conductive Broadband Antireflection Coating

Iralin™ 185L, the conductive coating protects against static build up and collection of dust particles when connected to a suitable ground.



Benefits

- Available in standard dimensions
- Durable and chemically resistant multilayer dielectric coating
- In compliance with international optics specifications

Applications

- Visual display systems
- Instrument cover glasses
- Optical systems in general

Technical Data

Spectral characteristics, AOI = 0°–15°

R avg. < 0.3% 440–650 nm

R abs. ≤ 0.6% 440–650 nm

measured on a flat coated witness piece (n = 1.52)

Electrical characteristics

Rel ≤ 1 K ohm/sq.

measured on a flat coated witness piece

MIL-Specifications

MIL-C-675B (w/o para 4.5.10 – rubber test)

MIL-C-48497 (w/o para 4.5.10 – rubber test)

Temperature stability

up to 200 °C dependent on substrate material

Dimensions

at flat sheets 160 · 110 mm or on request

Iralin™ 185L can be shifted within certain wavelength ranges on request.

Iralin™ 185L can be optimised for the refractive index of the glass substrate and the angle of incidence of the light beam on request.

Iralin™ 185L Spectral Curve

