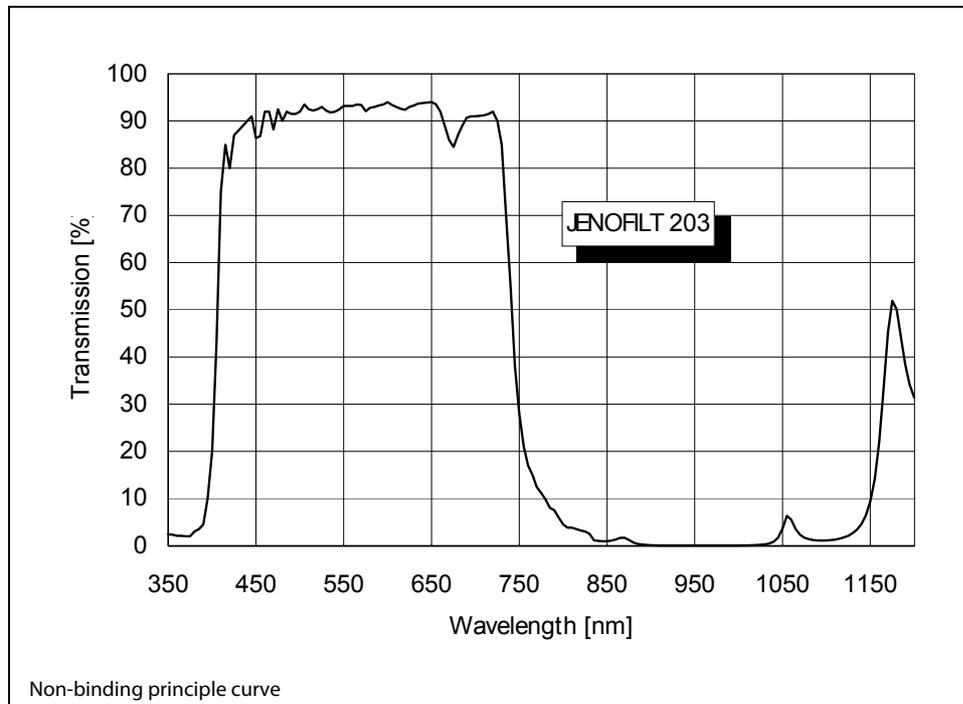


JENOFILT 203

Heat Reflection Filter



Edge Filter for VIS/NIR

Optical properties:

$T_{\text{ava}} > 85\%$ and $T_{\text{abs}} > 75\%$
for $425\text{ nm} \leq \lambda \leq 675\text{ nm}$

$T_{\text{ava}} < 5\%$ and $T_{\text{abs}} < 10\%$
for $800\text{ nm} \leq \lambda \leq 1150\text{ nm}$

Applications:

This coating shields optics as well as illuminated objects from heat radiation by a high reflectivity in the near infrared. It guarantees a high transmission in the visible spectral range without colour distortion.

Angle of incidence is 0° .

Durability:

Abrasion resistance: MIL-C-675C / section 4.5.11

Adhesion: MIL-C-675C / section 4.5.12

Temperature change: MIL-C-675C / section 4.5.4.1

Humidity: MIL-C-675C / section 4.5.8

Heat-resistant up to $300\text{ }^\circ\text{C}$

Substrate material:

The substrate material depends on the application. Transparent optical glasses can be coated as well as heat absorbing glasses as KG or coloured glasses.

The figure shows JENOFILT 203 on BK7.

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