Data sheet

JENOFILT 204
Cold Reflection Filter

Non-binding principle curve

Optical properties:
\[ R_{\text{avg}}(420-720 \text{ nm}) \geq 99\% \]
\[ R_{\text{abs}}(420-720 \text{ nm}) \geq 97\% \]
\[ T_{\text{avg}}(850-2000 \text{ nm}) > 75\% \]
at 45° incidence.

Applications:
This coating shields optics as well as illuminated objects from heat radiation by reflecting only the visible part of light. It guarantees a high reflection in the visible spectral range without colour distortion.

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

Substrate Material
The durability data as well as the optical data correspond to BK7. Other usual glasses can be used.

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