

PRODUCT INFORMATION

PLEXIGLAS® WHITE 06501

Product Profile:

PLEXIGLAS® white 06501 is a light scattering molding compound, based on PLEXIGLAS® polymer and pigments.

The main properties are:

- Mie scattering
- medium wavelength dependent scattering
- forward + distinctive backward scattering
- medium transmittance
- smooth and glossy surface in extrusion
- excellent outdoor weathering properties

Examples:

Luminaire covers, extruded profiles, injection molded parts

Physical Form / Packaging:

PLEXIGLAS® white 06501 is supplied as pellets of uniform size in a two layered 25 kg polyethylene bag, further packaging upon request.

Specified Characteristic:

Vicat, MVR, Transmittance

More Information:

Part of the PLEXIGLAS® Color program,
Goniometer data available in 1- 3mm as Excel file

Suggested light in- and output:

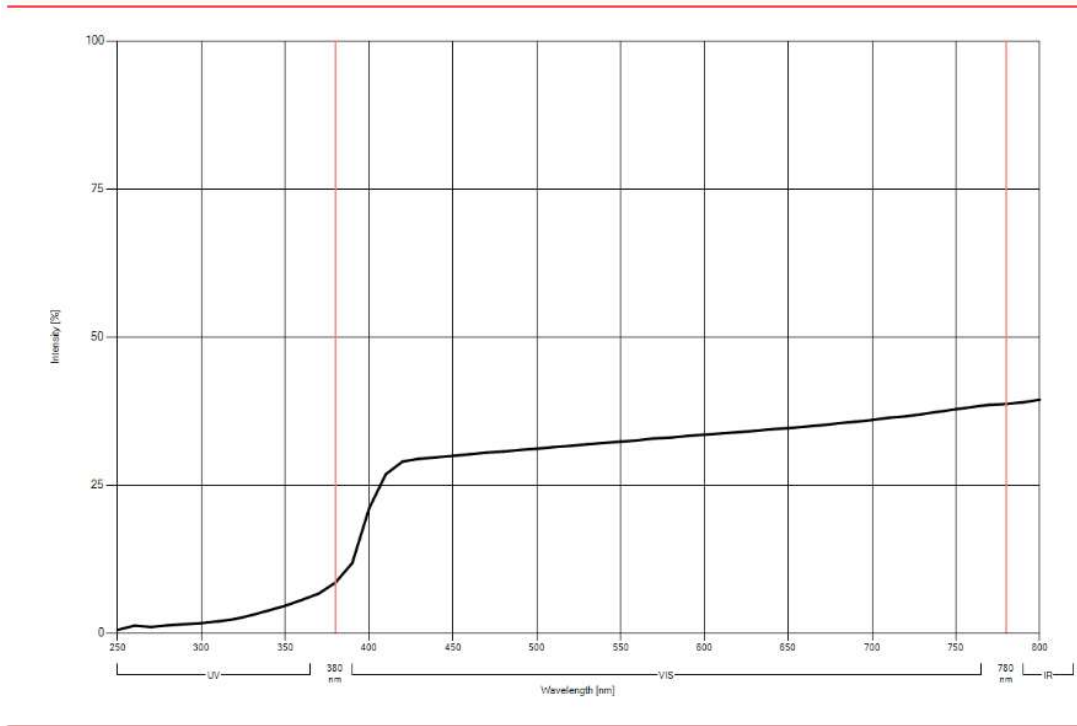
Direct lit

Properties		Unit	1mm	2mm	3mm
Luminous Transmittance A/2°	ISO 13486-2	%	43	33	26
Halve Value Angle HVA with direct transmission	DIN 5036	°	48,5	56,5	56,5
Halve Value Angle HVA without direct transmission *	DIN 5036	°	19,5	56,5	56,5
Scattering Power	DIN 5036		0,541	0,603	0,603

HVA based on NLA; * Data between -0,8° to +0,8° excluded from calculation of HVA

Transmittance PLEXIGLAS® white 06501 2mm

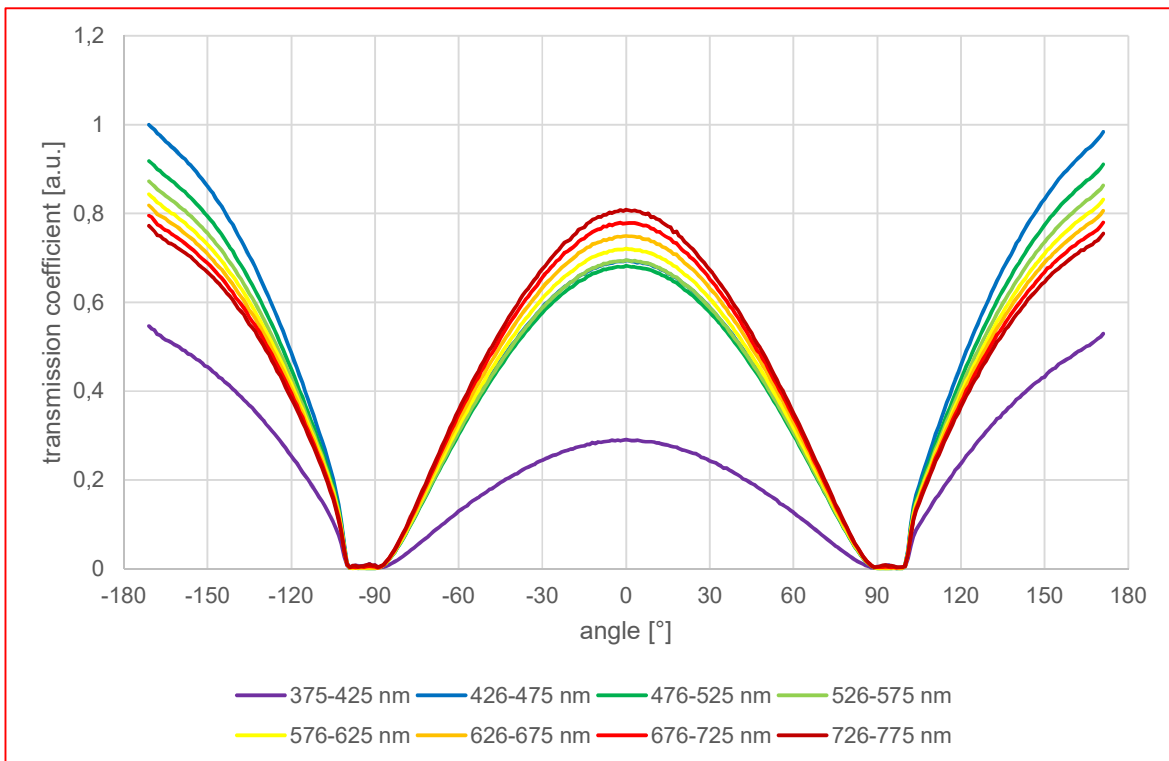
UV- and VIS- area; ISO 13468-2



Goniometer Data: PLEXIGLAS® white 06501 2mm

Angle < -90° and > 90° indicates reflection.

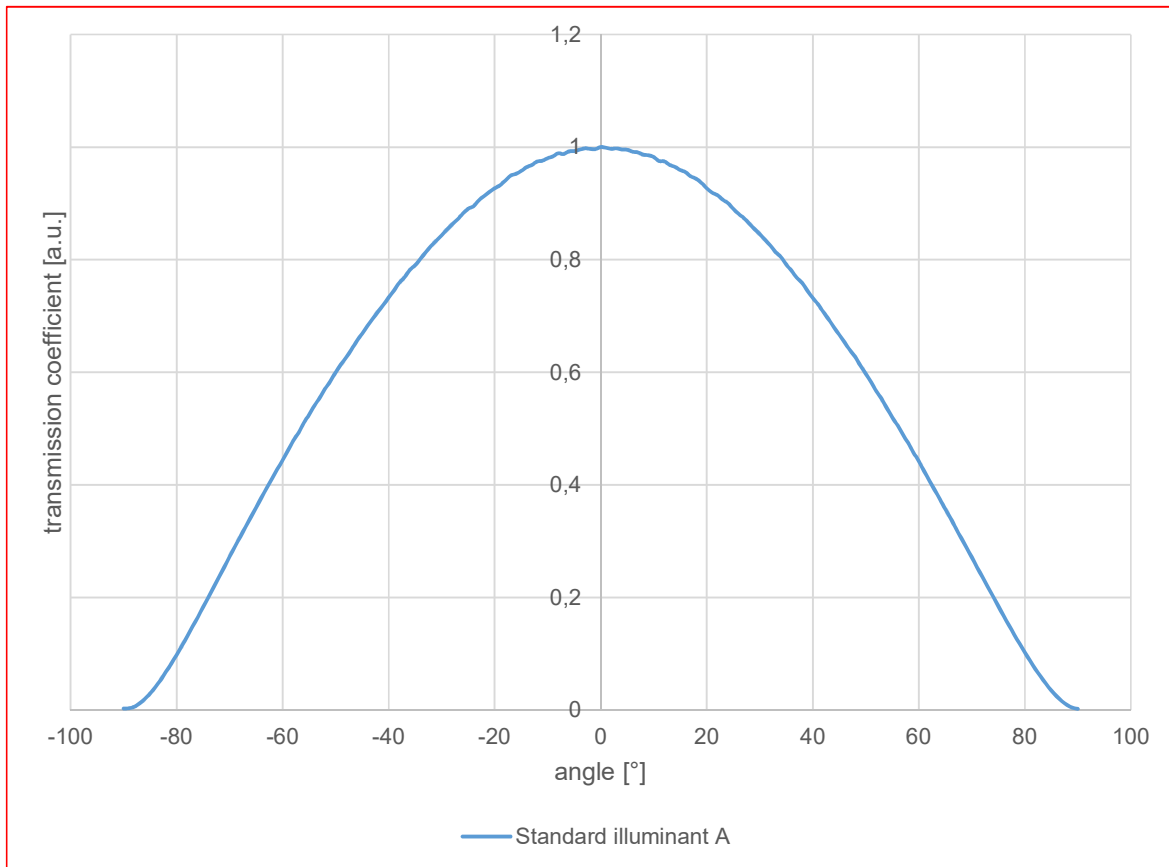
Normalized measured Transmission Coeff. with direct Transmission (over all wavelength packages)



Ref 011182229998

Goniometer Data: PLEXIGLAS® white 06501 2mm

Normalized measured Transmission Coeff. NLA with direct Transmission [a.u.]



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Certified to ISO 9001:2015, ISO 14001:2015 and IATF 16949:2016

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Röhm GmbH • Darmstadt • Germany

plexiglas.polymers@roehm.com
www.plexiglas-polymers.com
www.roehm.com

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