

**PRODUCT INFORMATION**

# PLEXIGLAS® SATINICE DF22

**Product Profile:**

PLEXIGLAS® Satinice df22 is a forward light scattering molding compound, based on PLEXIGLAS® and polymer spheres in the µm range.

The main properties are:

- Mie scattering
- medium wavelength dependent scattering
- forward scattering
- very good transmittance
- velvet surface in extrusion
- reduced surface gloss
- excellent outdoor weathering properties

**Suggested light in- and output:**

Direct lit or edge lit

**Examples:**

Luminaire covers, extruded profiles, injection molded parts, display BLU's, ambient light guides

**Physical Form / Packaging:**

PLEXIGLAS® Satinice df22 can be supplied in any base molding compound, when obtaining a certain minimum amount, as pellets of uniform size in a two layered 25 kg Polyethylene bag, further packaging upon request.

**Specified Characteristic:**

Vicat, MVR, Half value angle

**More Information:**

Part of the PLEXIGLAS® Satinice program,

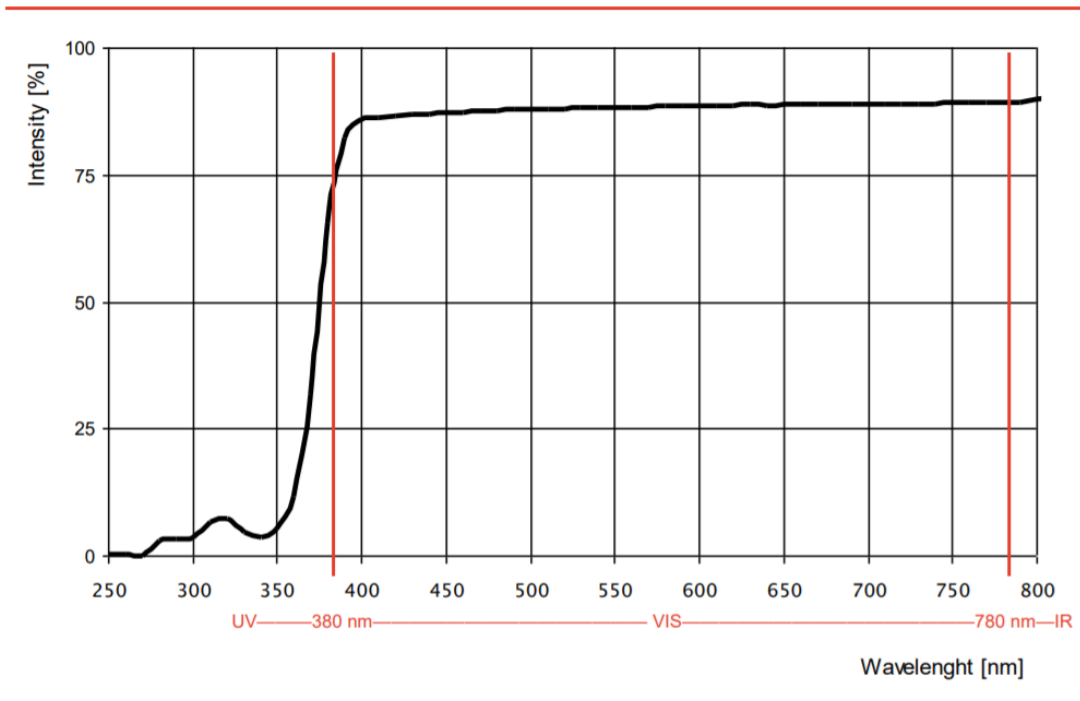
Goniometer data available in 1- 3mm as Excel file

Properties		Unit	1mm	2mm	3mm
Luminous Transmittance A/2°	ISO 13486-2	%	89	88	87
Halve Vale Angle HVA with direct transmission	DIN 5036	°	3	8	11,5
Halve Vale Angle HVA without direct transmission *	DIN 5036	°	3	8	11,5
Scattering Power	DIN 5036		0,006	0,049	0,108

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

### Transmittance PLEXIGLAS® Satinice df22 2mm

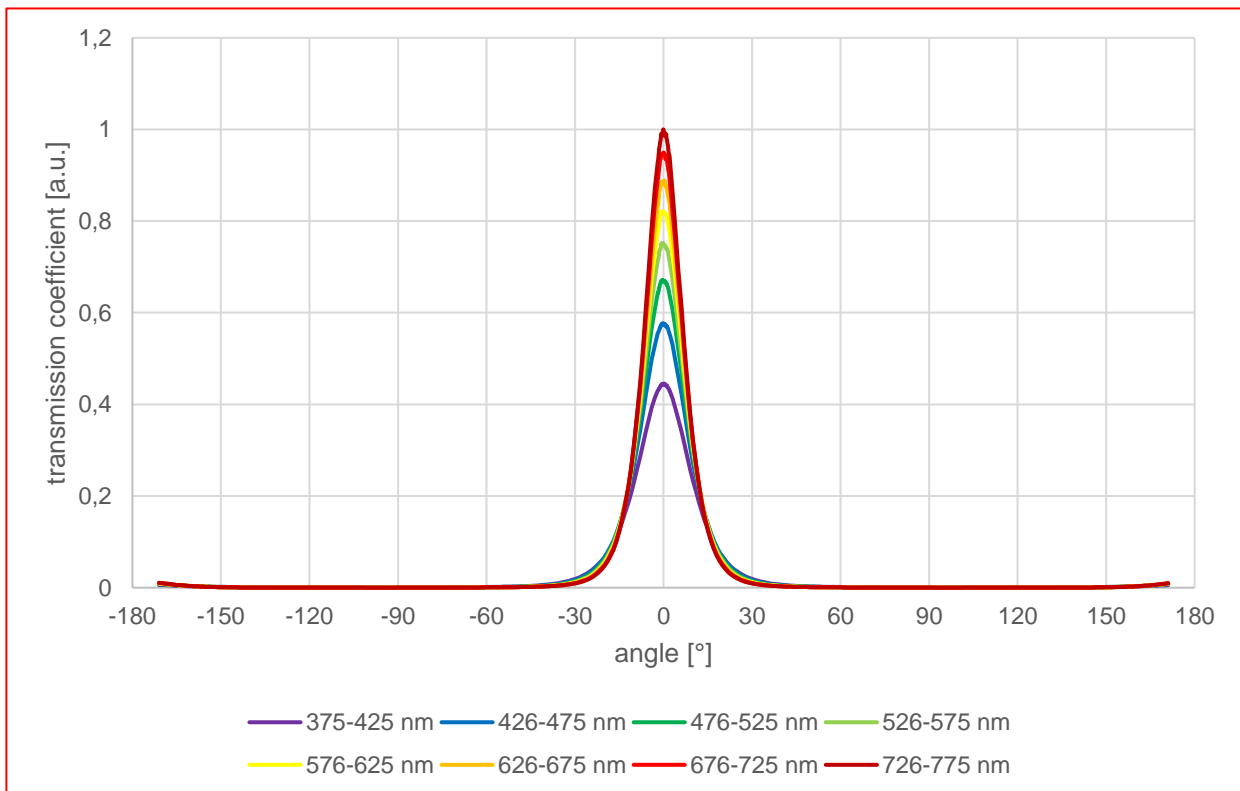
UV- and VIS- area; ISO 13468-2



### Goniometer Data: PLEXIGLAS® Satinice df22 2mm

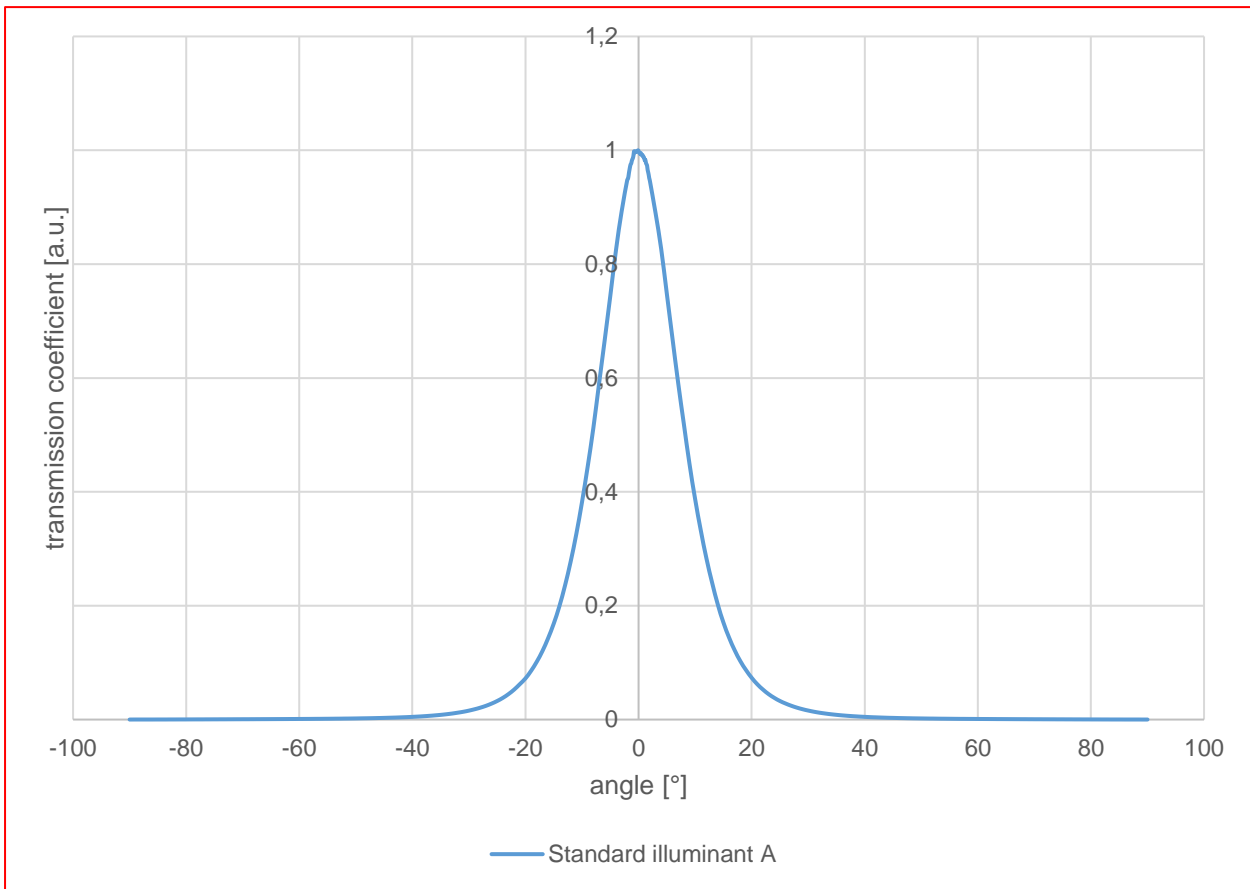
Angle < -90° and > 90° indicates reflection.

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



**Goniometer Data: PLEXIGLAS® Satinice df22 2mm**

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



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

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