

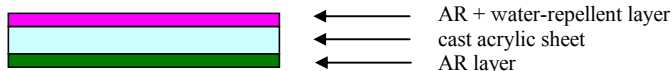
Physical Properties of ACRYFILTER™ AR (Anti-Reflection with H/C)

[introduction]

- ※ Suitable for high resolution of FPD front panel
- ※ The AR effect has deduction about reflection of outside lighting and lamp, so words and image will be easier to see.
- ※ This product has an excellent scratch resistance due to Hard coating on surface layer.
- ※ The water-repellent coating has an effects not be attached of fingerprint and stains.

[structure]

- ※ The standard product (AR 040) is both sides AR coating and one side water proof coating.



	test method	(ISO method)		ACRYFILTER AR
Total Luminous Transmittance	JIS K7361-1	ISO 13468-1	%	98
HAZE	JIS K7136	ISO 14782	%	0.3
Specific Gravity	JIS K7112	ISO 1183	g/cm ³	1.19
Deflection temperature under load	JIS K7191-2	ISO 75-2	°C	100
Coefficient of Thermal Expansion	JIS K7197	ISO 11359-2	cm/cm/°C	7×10 ⁻⁵
Pencil hardness	JIS D0202(200g)			3-4H
Steel wool test	MRC test method (*1)		g	1,000
Water contact angle (the side of waterproof)	static contact angle		°	110

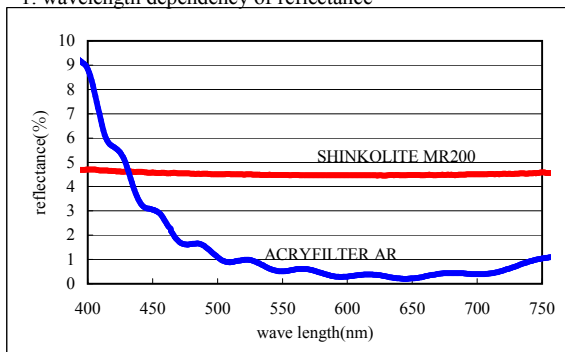
Typical values should not be used for specification.

*1) MRC test method

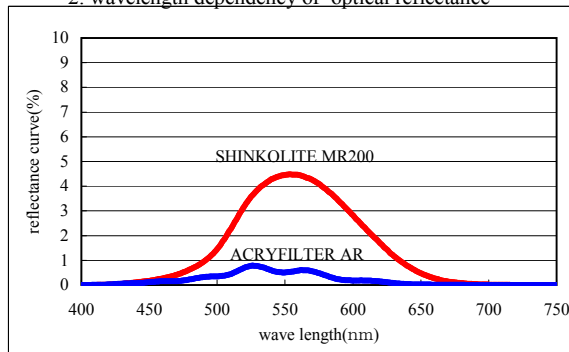
Minimum loading weight which some scratch can be clearly observed, when the surface was abraded by #0000 steel wool 10 time

[Reflectance performance]

*1. wavelength dependency of reflectance



*2. wavelength dependency of optical reflectance



[size] 535x410(mm)

- ※ In details, please contact with us, directly.

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