PRODUCT DATASHEET

WeeTect Anti Fog Coating (WAFC)

WeeTect Anti Fog Coatings (WAFC) is a spraying and dipping technology for plastic sheet coating, film coating and injection molding visors optical class 1 in clean coating room. It is one of the best anti fog solutions. WeeTect Anti Fog Coating (WAFF) can be used for anti fog helmet visors, anti fog face shields, anti fog goggles, anti fog films, fog free shower mirrors, refrigerator window films and more.

WeeTect Anti Fog Coatings (WAFC) offers excellent performance on anti fog and anti scratch properties as well as optical clarity. Compared with the other anti-fog coating suppliers, WeeTect Anti Fog Coating (WAFC) has long last anti fog affection and better abrasion resistance. At the same time, WeeTect also offer custom solution for any applications require fog resistance properties.

Address: #2 Building, East Jiangtian Road No. 92, Song Jiang, Shanghai, China
E-mail: sales@weetect.com Website: http://www.weetect.com

PRODUCT DATASHEET

WeeTect Anti Fog Coating (WAFC)

Advantages:

- Better fog resistant features
- Better optical visibility
- More abrasion resistant
- High end dipping and spraying processes
- Much more cost competitive
- More custom flexible

Address: #2 Building, East Jiangtian Road No. 92, Song Jiang, Shanghai, China
E-mail: sales@weetect.com Website: http://www.weetect.com

PRODUCT DATASHEET

WeeTect Anti Fog Coating (WAFC)

WeeTect Anti Fog Coating (WAFC) Polycarbonate Sheet and Film Options

Thickness (mm)	Width (mm)	Length (mm)	Remark
0.125	930	400,000	Optical Grade
0.15	930	350,000	Optical Grade
0.25	930	300,000	Optical Grade
0.3	930	300,000	Optical Grade
0.5	930	160,000	Optical Grade
0.5	915	1,830	Optical Grade
0.6	915	1,830	Optical Grade
0.7	915	1,830	Optical Grade
0.8	915	1,830	Optical Grade
1	915	1,830	Optical Grade
1.5	1,220	1,830	Optical Grade
2	1,220	1,830	Optical Grade
3	1,220	1,830	Optical Grade
4	1,220	1,830	Optical Grade
6	1,220	1,830	Clear
8	1,220	1,830	Clear
10	1,220	1,830	Clear
12	1,220	1,830	Clear

- WeeTect can customize dimensions based on your requirement for anti fog coating.

Address: #2 Building, East Jiangtian Road No. 92, Song Jiang, Shanghai, China
E-mail: sales@weetect.com Website: http://www.weetect.com

PRODUCT DATASHEET

WeeTect Anti Fog Coating (WAFC)

WeeTect Anti Fog Coating (WAFC) Polycarbonate Sheet Technical Data:

Item	Property	Test Method	U/M	Value
	Diopter	ECE 22.05	D	<0.125
	Haze	ASTM D 1003	%	0.37
	Fog Free time	ECE22.05/ECE324	s	>22
	Fog Free time	Freezing Test	s	no fogging
Mechanical	Hardness 1KG	ANSI Z87.1 2010	H	1
	High velocity impact	ANSI Z87.1 2010	ft/s	>300
	Cross-Cut tape test	ANSI Z87.1 2010	NA	Pass
	Elongation, yield % 7	ANSI Z87.1 2010	%	7
	Elongation, break ISO 527 % 110	ANSI Z87.1 2010	%	110
	Tensile stress, yield	ANSI Z87.1 2010	Mpa	60
	Tensile modulus MPa	ANSI Z87.1 2010	Mpa	2300
	Flexural strength, yield	ANSI Z87.1 2010	Mpa	100
	Flexural modulus ISO 178 MPa 2500	ANSI Z87.1 2010	Mpa	2500
	Izod notched impact, 20 °C	ANSI Z87.1 2010	KJ/m²	65
Physical	Gravity	ANSI Z87.1 2010	g/cm³	1.2
	Water absorption, 24 hours	ANSI Z87.1 2010	%	0.15
Thermal	Mold shrinkage	ANSI Z87.1 2010	%	0.5-0.7
	Thermal expansion	ANSI Z87.1 2010	1/ °C	7x10-5
	Vicat Softening Temp., Rate B / 120(base sheet)	ANSI Z87.1 2010	°C	150
	HDT, 0.45 MPa	ANSI Z87.1 2010	°C	138

Address: #2 Building, East Jiangtian Road No. 92, Song Jiang, Shanghai, China
E-mail: sales@weetect.com Website: http://www.weetect.com