

## PRODUCT DATASHEET

# WeeTect Motorcycle Visor (WMV)

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WeeTect motorcycle visor (WMV) also names motorcycle helmet face shield which is an injection molding optical class 1 visor complaint with CE standard. It can have anti fog coating, hard coating or color mirror coat. WeeTect is glad to custom motorcycle helmet visors with your own design.

WeeTect custom motorcycle helmet visors offer superior performance to motorcycle helmet manufacturers and brands. Having a sustainable performance increases the longevity of the product and reduces significant costs, WeeTect motorcycle visor (WMV) can be easily applied to all types of motorcycle helmet visors.

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- WeeTect can customize any injected motorcycle helmet visors you required.

### Advantages:

- Better optical clarity (class 1) with lower distortion
- Better fog resistant feature
- More abrasion resistant
- Higher impact resistant
- Much more cost competitive
- More custom flexible

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WeeTect Motorcycle Visor (WMV) Technical Data

Item	Property	Test Method	U/M	Value
<b>Optical</b>	UV Resistant	EN170	%	100
	Haze	ASTM D 1003	%	0.37
	Fog Free time	ECE22.05/ECE324	s	>22
	Fog Free time	Freezing Test	s	no fogging
<b>Mechanical</b>	Hardness 1KG	ISO 178	H	1
	High velocity impact	ANSI Z87.1 2010	ft/s	>300
	Cross-Cut tape test	ASTM D 1000	NA	Pass
	Elongation, yield % 7	ISO 527	%	7
	Elongation, break ISO 527 % 110	ISO 527	%	110
	Tensile stress, yield	ISO 527	Mpa	60
	Tensile modulus MPa	ISO 527	Mpa	2300
	Flexural strength, yield	ISO 178	Mpa	100
	Flexural modulus ISO 178 MPa 2500	ISO 178	Mpa	2500
	Izod notched impact, 20 °C	ISO 180-1A	KJ/m <sup>2</sup>	65
<b>Physical</b>	Gravity	ISO 1183	g/cm <sup>3</sup>	1.2
	Water absorption, 24 hours	ISO 62	%	0.15
<b>Thermal</b>	Mold shrinkage	ISO527	%	0.5-0.7
	Thermal expansion	ASTM D696	1/ °C	7x10 <sup>-5</sup>
	Vicat Softening Temp., Rate B / 120(base sheet)	ISO 306	°C	150
	HDT, 0.45 MPa	ISO 75/Be	°C	138