

PRODUCT DATASHEET

WeeTect Football Visors (WFV)



WeeTect football visors (WFV) are injection molding helmet visors with outstanding impact resistant, optical clarity (class 1), fog resistant and abrasion resistant properties which are compliant with CE and ASTM standard.

WeeTect can custom football visors such as tinted football visors and dark football visors.

Compared with football visors sold elsewhere, WeeTect Football Visors (WFV) achieves better results with increased impact resistance, optical clarity, anti-fog and abrasion resistant performance. The football players could wear more comfortable and safety. WeeTect are welcome to develop and custom football helmet visors with any special requirement.

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- WeeTect can customize any injection molding football visors you required.

Advantages:

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

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WeeTect Football Visors (WFV) Technical Data

Item	Property	Test Method	U/M	Value
Optical	Haze	EN170	%	0.37
	Diopter	ASTM D 1003	D	<0.125
	Fog Free time	ECE22.05/ECE324	s	>22
	Fog Free time	Freezing Test	s	no fogging
Mechanical	Hardness 1KG	ISO 178	H	1
	High velocity impact	ANSI Z87.1 2010	ft/s	>300
	Cross-Cut tape test	ISO 527	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	ANSI Z87.1 2010	KJ/m ²	65
Physical	Gravity	ISO 1183	g/cm ³	1.2
	Water absorption, 24 hours	ANSI Z87.1 2010	%	0.15
Thermal	Mold shrinkage	ISO 11359	%	0.5-0.7
	Thermal expansion	ISO 11357	1/ °C	7x10-5
	Vicat Softening Temp., Rate B / 120(base sheet)	ASTM D5470	°C	150
	HDT, 0.45 MPa	ISO 11357	°C	138