

PRODUCT DATASHEET

WeeTect Full Face Respiratory Visor (WFFRV)



WeeTect full face respirator visor (WFFRV) also names respirator face shield which is used in a full face respirator.

It is an injection molding optical class 1 visor complaint with CE standard with anti fog coating and hard coating.

WeeTect respirator face shield has much better distortion, fog resistance and abrasion resistance compare with other manufacturers.

WeeTect full face respirator visor (WFFRV) offers superior performance to respirator manufacturers and brands.

Only few suppliers can offer optical class 1 multi-curve visor, WeeTect is one of them. Having a sustainable performance increases the longevity of the product and consistently protects users. WeeTect full face respirator visor (WFFRV) can be easily applied to all types of respirators and comes in customizable sizes.

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- WeeTect can customize any injection molding respirator face shield you're required.

Advantages:

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

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WeeTect Full Face Respirator Visor (WFFRV) Technical Data

Technical Data				
Item	Property	Test Method	U/M	Value
Optical	Haze	ASTM D 1003	%	0.37
	Fog Free time	Hot Water Test	s	>60
	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	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 ²	65	
Physical	Gravity	ISO 1183	g/cm ³	1.2
	Water absorption, 24 hours	ISO 62	%	0.15
Thermal	Mold shrinkage	ISO527	%	0.5-0.7
	Thermal expansion	ASTM D696	1/ °C	7x10-5
	Vicat Softening Temp., Rate B / 120(base sheet)	ISO 306	°C	150
	HDT, 0.45 MPa	ISO 75/Be	°C	138