PRODUCT DATASHEET

WeeTect Ski Goggles (WSG)

WeeTect Ski Goggles (WSG) also names anti-fog ski goggles which is an injection molding optical class 1 visor or cut from optical clear UV resistant polycarbonate sheets complaint with CE standard. It has several options as clear ski goggles, prescription ski goggles and photochromic ski goggles. WeeTect Ski Goggles (WSG) has anti fog coating inside and anti scratch coating outside. WeeTect is glad to custom ski goggles with your own design.

WeeTect Ski Goggles (WSG) offers superior performance for fog resistance and abrasion resistance. We have more than 40 standard models and also open to custom your own design. Having a sustainable performance increases the longevity of the product and reduces significant costs; WeeTect Ski Goggles (WSG) can be your long term partner and offer you one stop solution. At the same time, WeeTect could also offer anti fog anti scratch polycarbonate flat sheet directly.

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

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WeeTect Ski Goggles (WSG)

- **WeeTect can customize any polarized visor or flat visor ski goggles 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 Ski Goggles (WSG) Technical Data

Item	Property	Test Method	U/M	Value
Optical	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	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/m²	65
Physical	Gravity	ISO 1183	g/cm³	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

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