

Material GUIDE

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Material List		
1	Product Name	1.499 Lens
	Material	CR-39
	Manufactory	PPG(USA); Acomon(Great Lake Italy)
	Refractive Index (25°C)	n(d)=1.499; n(e)=1.501
	Abbe Value	58
	Specific Gravity (20°C)	1.32
2	Product Name	1.5 PHOTOCROMIC Lens
	Material	Acrylic resin
	Manufactory	Hgdbhn(Korea)
	Refractive Index (25°C)	n(d)=1.503; n(e)=1.505
	Abbe Value	58
	Specific Gravity (20°C)	1.23
3	Product Name	Middle Index Lens
	Material	KOC 55
	Manufactory	KOC (Korea)
	Refractive Index (25°C)	n(d)=1.542; n(e)=1.545
	Abbe Value	35
	Specific Gravity (20°C)	1.27
4	Product Name	PHOTOCROMIC Lens
	Material	SR-56
	Manufactory	Sartomer(USA)
	Refractive Index (25°C)	n(d)=1.542; n(e)=1.545
	Abbe Value	41
	Specific Gravity (20°C)	1.15
5	Product Name	1.60 Lens
	Material	MR8
	Manufactory	Mitsui (Japan)
	Refractive Index (25°C)	n(d)=1.594; n(e)=1.597
	Abbe Value	41
	Specific Gravity (20°C)	1.3
6	Product Name	1.67 Lens
	Material	MR7
	Manufactory	Mitsui (Japan)
	Refractive Index (25°C)	n(d)=1.660; n(e)=1.665
	Abbe Value	31
	Specific Gravity (20°C)	1.35
7	Product Name	1.50 UV++ Lens
	Material	Poly allyl carbonate ester
	Manufactory	Acomon(Italy)
	Refractive Index (25°C)	n(d)=1.497; n(e)=1.498
	Abbe Value	58
	Specific Gravity (20°C)	1.28
8	Product Name	1.74 Lens
	Material	MR174
	Manufactory	Mitsui (Japan)
	Refractive Index (25°C)	n(d)=1.732; n(e)=1.738
	Abbe Value	33
	Specific Gravity (20°C)	1.47