

Laser Absorbing Materials

As laser use expands there is a need for protective eyewear that provides high optical density and superior visible light transmittance. Epolin offers both narrow and broadband filtering solutions for popular lasers and can customize a filter for your particular application.

We can supply Epolight® dye powder or ready to mold Luminate™ pellet for your lens, goggle, visor, window or film application in a variety of polymers including polycarbonate, acrylic, cellulose propionate and others.



Laser Type	Epolight®	Absorbs	Lens Color
Argon	7689	532nm	ORANGE
Helium Neon (594.1)	7688	594nm	BLUE
Helium Neon (632.8)	7578	632nm	BLUE
Ruby	7655	694nm	BLUE
Alexandrite	7567	755nm	PINK
800/810 Femto second	7691	800/810nm	PINK
Nd:YAG	7568	1064nm	GREEN
High power Nd:YAG	7665	1064nm	GREEN
Broadband laser	7684	700nm to 1150nm	GREEN
Telecom	7690	1550nm	GREEN
2 line Nd:YAG and KTP	7657	532nm + 1064nm	AMBER

For lasers not listed or for requirements that have specific optical density or transmittance specifications, please contact Epolin to develop a customized solution.

Contact us for additional information
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