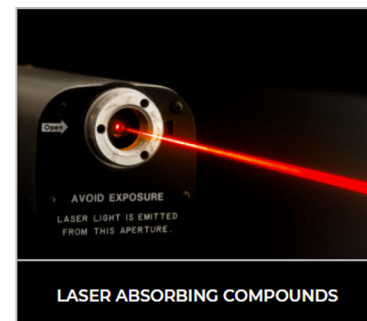




Laser Absorbing Materials

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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