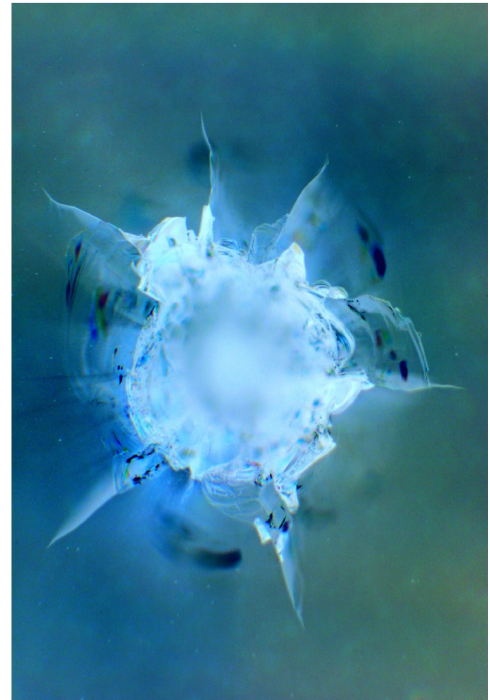


Characterization of laser optics

Method	λ	Δt	Note
Laser-induced damage (ISO 21254-2)	266 nm	4 ns	≥ 100 Hz, Gaussian
	355 nm	5 ns	
	532 nm	6,5 ns	
			75 ps
	1064 nm	10 ns	≥ 100 Hz, Gaussian
			75 ps
	780 nm	150 fs	1kHz
	390 nm	150 fs	1kHz
Laser-included damage in Vacuum (ISO 21254-2)	266 nm	4 ns	
	355 nm	5 ns	
	532 nm	6,5 ns	
	1064 nm	10 ns	
	780 nm	150 fs	1kHz
Survival test (ISO 21254-3)	266 nm	4 ns	≥ 100 Hz, Gaussian
	355 nm	5 ns	
	532 nm	6,5 ns	
	1064 nm	10 ns	≥ 100 Hz, Gaussian
Absorption test (ISO 11551)	193 nm		Other wavelength on request
	266 nm		
	355 nm		
	532 nm		
	1064 nm		
	750 nm		
Cavity-Ring-Down	1064 nm		~5 ppm
	532 nm		AOI 0°, 30°, 45°
	355 nm		
Total scattering (ISO 13696)	355 nm		Other wavelength on request
	532 nm		
VUV/DUV spectroscopy (ISO 15368)	120 – 280 nm		R, T, mappings in R&T
UV/VIS/IR spectroscopie	200–3000nm		
IR spectroscopy	1 μ m — 25 μ m		
Durability test (ISO 9211)	Abrasion, Adhesion, humidity, heat, stripping, etc.		



► Contact

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