

Composition	Refractive index UV	Refractive index visible	Reference
Kaolinite	$1.68 + 0.04i$	$1.572 + 0.006i$	Arakawa et al. (1997)
Ammonium sulfate	$1.507 + 0.005i$ (at $\lambda = 355$ nm)	$1.504 + 0i$	Michel Flores et al. (2012)
Sulfuric acid	$1.383 + 0i$ (at $\lambda = 360$ nm)	$1.366 + 0i$ (at $\lambda = 556$ nm)	Palmer and Williams (1975)
Toluene secondary organic aerosol	$1.58 + 0i$ (at $\lambda = 300$ nm)	$1.50 + 0i$	Nakayama et al. (2013) (visible) Kozma et al. (2005) (UV)
Diesel soot	$1.62 + 0.55i$ (at $\lambda = 400$ nm)	$1.68 + 0.56i$ (at $\lambda = 550$ nm)	Marley et al. (2001)
Forest fire smoke	$1.47 + 0.01i$ (at 440 nm)	$1.61 + 0.06i$	Wandinger et al. (2002) (visible) Dubovik et al. (2001) (UV)