

Refractive index	TB source/analysis technique	Wavelength (nm)	Reference
$1.67 - 0.27i$	ACE-Asia field campaign – electron energy-loss spectroscopy (EELS)	550	Alexander et al. (2008)
$1.84 - 0.21i$	Tar–water emulsion – light absorption	550	Hoffer et al. (2016)
$1.56 - 0.02i$	YACS field campaign – OC / EC ratio & scattering	632	Hand et al. (2005)
$1.80 - 0.007i$	Ponderosa pine – light absorption	532	Chakrabarty et al. (2006)
$1.75 - 0.002i$	Alaskan duff – light absorption	532	Chakrabarty et al. (2006)