

Wavelength Shifters

Eljen Technology offers a select range of wavelength shifting materials that absorb light at one wavelength and re-emit the light isotropically at longer wavelengths to provide useful modes of light collection. Four PVT based wavelength shifting plastics and two wavelength shifting paints used to make thin films are available.



WAVELENGTH SHIFTING PRODUCTS			
Material	Description/Application	Commercial Equivalents	
		NE	S-G
EJ-280	Green-emitting wavelength shifting plastic	-	BC-482A
EJ-282	Green-emitting wavelength shifting plastic	-	-
EJ-284	Red-emitting wavelength shifting plastic	-	-
EJ-286	Blue-emitting wavelength shifting plastic	-	BC-480
EJ-298	Blue-emitting wavelength shifting paint, used to make thin films	-	-
EJ-298G	Green-emitting wavelength shifting paint, used to make thin films	-	-