



## Popular Light Diffusing Materials

For 25 years OptiColor has been customizing superior quality light diffusing materials, working with clients to create custom formulas that solve their challenging problems for the best light transmission, diffusion, color, and texture needed for each application. Our exclusive additives allow some of the highest light transmission available, while still providing excellent diffusion that hides the hot spots.

A selection of our common light diffusing materials can be found below, which can all be customized.

### Smooth Diffused and OptiFrost® Textured Diffused Materials

## POPULAR ACRYLIC CONCENTRATES

Concentrated materials that provide excellent dispersion and allow clients to letdown into any acrylic base resin, providing significant cost savings and inventory reductions

### Acrylic Concentrates - Popular DIFFUSED MATTE

LIProduct				Color	Light Transmission				
Number	Letdown	Texture	Diffusion	Number	.040"	.060"	.080"	.100"	.125"
ACC2170WT	6%	Matte	High	WT-681	91%	90%	88%	86%	82%
	8%	Matte	High	WT-681	90%	89%	86%	83%	78%
	10%	Matte	High	WT-685	90%	88%	84%	80%	73%
	12%	Matte	High	WT-686	89%	86%	82%	78%	71%
ACC2201WT	8%	Matte	<b>Very High</b>	WT-678	83%	75%	70%	63%	60%
	10%	Matte	<b>Very High</b>	WT-679	79%	70%	63%	57%	52%
	12%	Matte	<b>Very High</b>	WT-689	76%	67%	59%	52%	46%

### Acrylic Concentrates - Popular DIFFUSED **TEXTURED**

Product				Color	Light Transmission				
Number	Letdown	Texture	Diffusion	Number	.040"	.060"	.080"	.100"	.125"
ACC2315WT	6%	Frosted/Textured	High	WT-681	91%	90%	88%	86%	82%
	9%	Frosted/Textured	High	WT-681	90%	89%	86%	83%	78%
	12%	Frosted/Textured	High	WT-685	90%	88%	84%	80%	73%
ACC2501WT	6%	Frosted/Textured	<b>Very High</b>	WT-980	86%	83%	79%	76%	70%
	9%	Frosted/Textured	<b>Very High</b>	WT-979	83%	78%	73%	68%	61%
	12%	Frosted/Textured	<b>Very High</b>	WT-975	82%	75%	69%	63%	56%

### Clear **TEXTURED** Concentrate for Acrylic

Product			
Number	LD	Texture	Description
ACC2320WT	5%	Low	Add to whites, colors, or clear for texture
	10%	Medium	Clear concentrate will not impact LT, diffusion, color

If one of our existing materials does not meet your exact specifications, let our sales team work with you to have a custom formula created using your LED's and light sources for maximum performance and to reach targeted output.

Email: [sales@opticolorinc.com](mailto:sales@opticolorinc.com)