



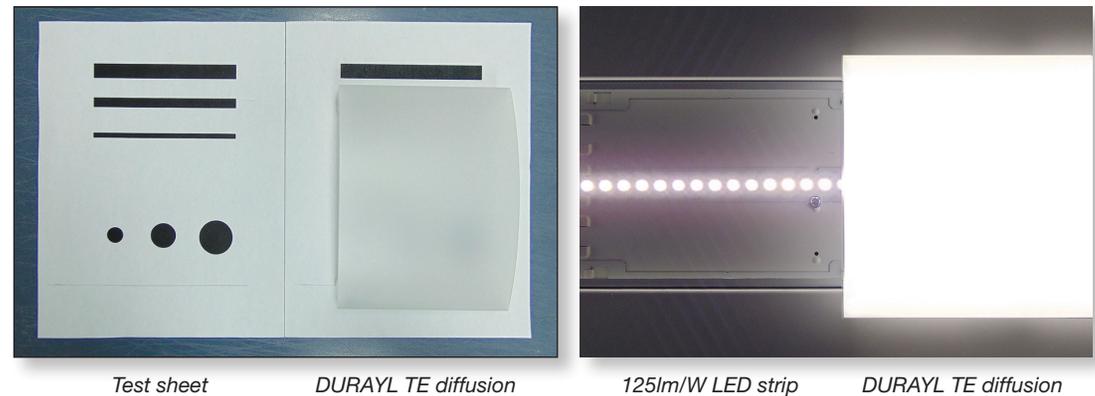
DURAYL[®] TE

DURAYL® TE

Pexco introduces Durayl® TE, the next generation of specially formulated material blend solutions to minimize hot spots and maximize light transmission.

Introducing Durayl TE, Pexco's newest material blend innovation. Formulated for LED applications, Durayl TE has a modern, textured surface finish. Its exceptional light transmission delivers outstanding efficiency and superior diffusion. In keeping with Pexco's other Durayl blends, Durayl TE is naturally UV stable and offers excellent impact resistance for added strength and longevity.

Property	ASTM Test Method	Durayl® TE			
Physical					
Specific Gravity	D-792	1.186			
Optical					
Light Transmission	Lutron LX-1108 Meter D-1003 (%)	Thickness	Value		
		0.060"	90		
		0.080"	88		
		0.100"	86		
Haze	D-1003 (%)	Thickness	Value		
		0.060"	93.65		
		0.080"	95.20		
		0.100"	96.10		
0.125"		0.125"	96.82		
		Mechanical			
		Rockwell Hardness	D-785 (M Scale)	84	
		Tensile	D-638 (Max. PSI)	9,500	
Tensile Modulus	D-638 (PSI)	420,000			
Flexural Strength	D-780 (PSI)	14,400			
Notched Izod (Milled Notch)	D-256 ft.lb/in of notch 73°F	0.35			
Thermal					
Deflection Temp Under Load Annealed 4 hrs @ 180°F	D-648 (°F) 3.6°F/min, 264 PSI	198			
Flammability Class	D-1003 Class	HB			



Pexco provides design and manufacturing support expertise to help lighting OEMs align the optimum material blend, light diffusion performance, hiding power, efficiency, and overall manufacturability with their unique fixture performance and design requirements. Multiple tool and die shops across our national company footprint and the Center of Excellence for Lighting Plastics Manufacturing round out Pexco's extensive spectrum of services.

Learn more at www.pexco.com/lighting



Where Ideas Take Shape.

The specifications listed on this table are average values compiled from data supplied by manufacturers of plastic resins. They are offered as general guidelines only. Pexco is not responsible for their accuracy, makes no guarantee or warranty for any of the above data, and assumes no liability or obligation for results obtained by users of this information. Users of a material should make their own tests to determine its suitability for their particular application. Statements concerning possible or suggested usage of materials are not constructed as constituting recommendation for use of such materials in the infringement of any patent.