

# LG PMMA ID178

Polymethyl Methacrylate Acrylic  
LG MMA Corp.

Message:

"ID" grade of LG PMMA realizes high light transmittance and high diffusion with our unique diffusion agent and maximizes the efficiency of lighting fixtures without exposing the luminous source of LED illumination.  
High transmittance/low diffusion, high transmittance/high diffusion and low transmittance/high diffusion products may be used depending on the features of lighting.

General Information			
Additive	Unspecified additive 2		
Uses	LEDs		
	Lighting Applications		
	Illumination diffuser		
	Lighting device		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Optical	Nominal Value	Unit	Test Method
Transmittance			JIS K7105
1000 μm	88.0	%	JIS K7105
2000 μm	76.0	%	JIS K7105
3000 μm	65.0	%	JIS K7105
Haze			JIS K7105
1000 μm	86	%	JIS K7105
2000 μm	87	%	JIS K7105
3000 μm	88	%	JIS K7105
Additional Information			

Base PMMA: IH830C, IH830A, IF850, (may apply the injection grade, extrusion grade, and impact resistant grade)

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