

LDX-80

Chemical Name	Poly methyl methacrylate	Technical Data Sheet
INCI Name	Poly methyl methacrylate	
CAS No.	9011-14-7	
Appearance	White fine powder	
Odor	Faint Odor	
		2013-01-02 Supersedes prior issues Light Diffusion

Specification				
<i>Item</i>		<i>Limit</i>	<i>Test Method</i>	
1. Moisture		3.0 % Max.	130°C, 30min	[SJ-MM-01]
2. Particle Size	D ₅₀	5 ~ 7 μm	Malvern Master Sizer2000	[SJ-MM-02]
	D ₁₀₀	25.00 μm		
3. Yellow Index		3. 0 Max.	Nippon Denshoku(ZE2000)	
4. Cross Linkage		Highly cross-linked		
5. Residual Monomer (ppm)		200 Max.	GC	[SJ-MM-07]

Application	Highly cross-linked LDX-80 bead for the industrial application such as LCD diffusion film & sheets, LCD reflection film and Projection TV Screen. Also, Cross-linked PMMA bead for the industrial application such as coating, paints and resin. Texture, Anti-scratch
Stability	Min. 2 Years
Toxicology	The information available on LDX-80 gives no indication of any risk of toxicity, if the application and the concentrations used are as recommended.
Material Safety Data Sheet	MSDS is available.

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