

HLDP-50

작성 일자	작성자	검토자	승인

Chemical Name	Polymethyl Methacrylate	Technical Data Sheet
INCI Name	Polymethyl Methacrylate	
CAS No.	9011-14-7	2010-06-04
Appearance	White fine powder	Supersedes prior issues
Odor	Faint Odor	Light Diffusion Plate

Specification			
<i>Item</i>		<i>Limit</i>	<i>Test Method</i>
1. Moisture		3.0 Max.	M.A. Method
2. Particle Size	D ₅₀	4 ~ 8 μm	Malvern MasterSizer 2000 [SJ-MM-02]
	D ₁₀₀	22.00 μm	
3. Yellow Index		2.5 Max.	Nippon Denshoku(ZE2000)
4. Residual Monomer (ppm)		200 Max.	GC [SJ-MM-07]

Application	Highly cross-linked PMMA bead for the industrial application such as LCD diffusion film & sheets, LCD reflection film and Projection TV Screen.
Stability	Min. 2 Years
Toxicology	The information available on PMMA 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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