

MAX50

Chemical Name	Poly methyl methacrylate	Technical Data Sheet
INCI Name	Poly methyl methacrylate	
CAS No.	9011-14-7	2009-08-20
Appearance	White fine powder	Supersedes prior issues
Odor	Faint Odor	

Specification			
<i>Item</i>	<i>Limit</i>	<i>Test Method</i>	
1. Moisture(%)	1.5 Max.	K.F. Method	
2. Mode. Particle Size(μm)	4~6 μm .	Beckman Coulter(LS13320)	[SJ-MM-02]
Avg. Particle Size(μm)	4~6 μm .		
	D ₁₀₀ 17.378 μm	Malvern Master sizer 2000	17.378 μm < 0.1% MAX
3. Size distribution	Mono dispersed	Beckman Coulter(LS13320)	[SJ-MM-02]
Volume % : 2.920 μm ~ 7.421 μm	Minimum 75%		
4. Solvent resistance (Toluene)	200 Max	Brookfield viscometer	No.2 60rpm, 6hr

Characteristics & Application	Mono dispersed and cross linked bead. Standard cross-linked PMMA bead for the industrial application such as LCD diffusion film & sheets, LCD reflection film and Projection TV Screen.
Shelf Life	Two Years in a closed container
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.