

MD-200

Chemical Name	Poly methyl methacrylate	Technical Data Sheet
INCI Name	Poly methyl methacrylate	
CAS No.	9011-14-7	2013-05-01
Appearance	White fine powder	Supersedes prior issues
Odor	Faint Odor	

Specification			
<i>Item</i>		<i>Limit</i>	<i>Test Method</i>
1. Moisture(%)		3.0 Max.	M.A Method
2. Avg. Particle Size(μm)	D50	17 ~ 22 μm	Malvern MasterSizer 2000 [SJ-MM-02]
	D100	45 μm	
3. Size distribution		Moderately mono dispersed	Beckman Coulter(LS13320) [SJ-MM-02]
Volume %	4. 12.99 μm ~ 33.01 μm	Minimum 75%	
4. Yellow Index		3.5 Max	COLOR METER NIPPON DENSHUKU ZE2000
5. Solvent resistance (Toluene : MEK : Powder = 2 : 1 : 2)		100 Max	Brookfield viscometer No.2 60rpm, 6hr

Characteristics & Application	Moderately mono dispersed and cross linked bead. Standard cross-linked MD-200 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
Shelf Life	Two Years in a closed container
Toxicology	The information available on MD-200 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.