

# LDX120

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

| Specification            |                  |                     |                                     |
|--------------------------|------------------|---------------------|-------------------------------------|
| <i>Item</i>              |                  | <i>Limit</i>        | <i>Test Method</i>                  |
| 1. Moisture              |                  | 1.5 % Max.          | K.F. Method                         |
| 2. Particle Size         | D <sub>50</sub>  | 9 ~ 11 μm           | Malvern Master Sizer2000 [SJ-MM-02] |
|                          | D <sub>100</sub> | 31.00 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 LDX120 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 LDX120 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.  |

**SUNJIN CHEMICAL CO.,LTD.**