

Producer: LG Chem Taejon / Korea

## LG PVC LS100

### Description:

**LS100**, homopolymer made by suspension polymerization is applied to various product such as sheet, pipe, profile, wire and hose.

**LS100**, is a general-purpose product used for soft and hard products and is most widely used in PVC grade.

### Applications:

Pipe, sheet, profiles, wire & cable insulation, non-toxic applications for pipe, hose & film.

### Properties:

| ITEM                     | TEST METHOD   | UNIT              | TEST CONDITION | VALUE      |
|--------------------------|---------------|-------------------|----------------|------------|
| Degree of Polymerization | JIS K 6721-77 | -                 | 30°C           | 1000 ± 50  |
| K Value <sup>1</sup>     | DIN 53726     | -                 | -              | 66         |
| Particle Size            | ASTM D1705    | %                 | 45Mesh         | Max 0.2    |
| Apparent Bulk Density    | ASTM D1895-90 | g/cm <sup>2</sup> | -              | 0.54 ±0.04 |
| Specific Gravity         | ASTM D790     | -                 | 23°C           | 1.4        |
| Volatiles                | ASTM D3030-90 | %                 | Max 0.3        | Max 0.3    |

1) The values of properties in the above table have been obtained by the test pieces (natural color) manufactured under certain of injection.

2) The listed values should be used for referential purposes only.

The product is supplied in 25-kg bags as well as in bulk form.