# Chlorinated Polyethylene「ELASLEN®」 Grade List

<table>
<thead>
<tr>
<th>Item</th>
<th>Method</th>
<th>Unit</th>
<th>Non-crystalline</th>
<th>Semi-crystalline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shape</td>
<td>-</td>
<td>-</td>
<td>powder</td>
<td>powder</td>
</tr>
<tr>
<td>Chlorine Content</td>
<td>SDK method</td>
<td>wt%</td>
<td>30.0~33.0</td>
<td>32.0~37.0</td>
</tr>
<tr>
<td>Specifio Gravity</td>
<td>JIS K7112</td>
<td>-</td>
<td>1.10~1.14</td>
<td>1.12~1.19</td>
</tr>
<tr>
<td>Water</td>
<td>SDK method</td>
<td>wt%</td>
<td>≤1.0</td>
<td>≤1.0</td>
</tr>
</tbody>
</table>

## [Requirements at Time of Manufacture]

### (Basic Property)

- **Chlorine Content**: SDK method, wt%
- **Specific Gravity**: JIS K7112
- **Water**: SDK method, wt%

### (Melt Flow Rate)

- **Melt Flow Rate**: JIS K710, 180℃, 21.6kg/10min

### (Mooney Viscosity)

- **Mooney Viscosity**: JIS K6300

### (Physical Property)

- **Crystallinity**: DSC

### (Mechanical Property)

- **Tensile Strength**: JIS K6251
- **Elongation**: %
- **100% Modulus**: %
- **Hardness**: JIS K6253, JIS A
- **Brittle Temp**: JIS K6261, °C
- **Freezing Point**: °C

### (Electrical Property)

- **Volume Resistivity**: ASTM D257, Q-cm
- **Dielectric Tangent**: ASTM D150
- **Dielectric Content**:%

### Application

- **Rubber**: ◎, ○
- **Rigid PVC modifier**: ○
- **Flexible PVC modifier**: ◎
- **FR ABS modifier**: ○
- **Magnetic rubber**: ○

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**Our responsibility on this product is limited to the Requirements at Time of Manufacture.**

You shall not use ELASLEN as the raw materials or the additives of the products which are ingested into, implanted in or contact with human body, including but not limited to, pharmaceuticals, medical device, food or cosmetic.

We recommend you to consult with us before use because the applications as specified above are examples.

Read the Material Safety Data Sheet (MSDS) before use.

The design of ELASLEN listed above may change for improvement without previous notice.