

## FSA7277+10

### Aliphatic Polyurethane-Ester

#### Features

- Excellent transparency
- Use as EL lamp(Electro Luminescent) and OLED base material
- Non-yellowing grade

#### Physical Properties

| *Properties        | Unit               | Method                    | Direction | **Value | Note |
|--------------------|--------------------|---------------------------|-----------|---------|------|
| Hardness           | Shore A            | ASTM D2240                |           | 93 ±3   |      |
| Specific Gravity   |                    | ASTM D792                 |           | 1.11    |      |
| Tensile Strength   | Kg/cm <sup>2</sup> | ASTM D882                 | MD        | 149     |      |
|                    |                    |                           | CD        | 151     |      |
| Elongation         | %                  | ASTM D882                 | MD        | 468     |      |
|                    |                    |                           | CD        | 465     |      |
| 300 % Modulus      | Kg/cm <sup>2</sup> | ASTM D882                 | MD        | 97      |      |
|                    |                    |                           | CD        | 101     |      |
| Tear Strength      | Kg/cm              | ASTM D624                 | MD        | 61      |      |
|                    |                    |                           | CD        | 62      |      |
| Film Melting Point | °C                 |                           |           | 175     |      |
| UV Resistance      | Grade              | ASTM G154<br>(50°C/24HRS) |           | 5       |      |

\*\*Actual results may yield up to ± 15%.

\*Data provided are used solely for references only, and are not guaranteed statements.