

# 308PC

## Acrylonitrile Styrene (AS/SAN)

### Description:

308PC is a high chemical grade of acrylonitrile styrene resin for injection molding with natural color and clarity.

### Typical applications;

**Injection Molding:** Lighter

| Physical Properties:   | Method     | Unit                   | Value |
|--|------------|------------------------|-------|
| Melt Flow Index (200°C / 5kg)  | ASTM D1238 | g/10min.               | 1.6   |
| Tensile Strength at Yield (23°C)   | ASTM D638  | N/mm <sup>2</sup>      | 810   |
| IZOD Notched Impact (23°C)   | ASTM D 256 | Kg.cm/cm               | 3.4   |
| Flexural Strength (23°C)   | ASTM D790  | Kg/cm <sup>2</sup>     | 1390  |
| Flexural Modulus (23°C)  | ASTM D790  | ×104Kg/cm <sup>2</sup> | 3.9   |
| Rockwell Hardness (1/4"/23°C)  | ASTM D785  | M-Scale                | 87    |
| Heat Distortion Temperature<br>(1/4", 18.6 kg/cm <sup>2</sup> , non-annealing) | ASTM D648  | °C                     | 88    |
| VICAT Softening Temperature (1/8", 1 kg)                                       | ASTM D1525 | °C                     | 108   |

### Processing Technique

**Drying Temperature: 80-85°C, 2-3 hrs.**

**Processing Temperature : 210-260°C**

\*\*However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.\*\*

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.