



## IMPACT PP

### B380G

#### Description

YUPLENE B380G is a propylene impact copolymer designed for injection molding applications. YUPLENE B380G has high stiffness, excellent dimensional stability, good impact strength and has been listed by Underwriters Laboratories (UL). YUPLENE B380G is especially suitable for various electrical appliances such as washing machine parts and refrigerator parts.

#### Application

Injection Molding / automobile applications, industrial parts for electronic, large container

#### Physical Properties

| Term/Item                               | Value | Unit               | Test Method |
|-----------------------------------------|-------|--------------------|-------------|
| Melt Index                              | 28.0  | g/10min            | ASTM D1238  |
| Softening Point(Vicat)                  | 150   | °C                 | ASTM D1525  |
| Tensile Strength at Yield               | 280   | kg/cm <sup>2</sup> | ASTM D638   |
| Elongation at Break                     | <300  | %                  | ASTM D638   |
| IZOD Impact Strength(Notched, -20°C)    | 4.5   | kg-cm/cm           | ASTM D256   |
| IZOD Impact Strength(Notched, 23°C)     | 9     | kg-cm/cm           | ASTM D256   |
| Dupont Impact at -10°C                  | >70   | kg-cm              | ASTM D2794  |
| Spiral Flow                             | >800  | mm                 | SK Method   |
| Flexural Modulus                        | 15000 | kg/cm <sup>2</sup> | ASTM D790   |
| Hardness(Rockwell)                      | 90    | R Scale            | ASTM D785   |
| Heat Distortion Temperature             | 110   | °C                 | ASTM D648   |
| Accelerated Oven Aging(in Air at 150°C) | 360   | hr                 | ASTM D3012  |

ISO 9001 Certified

