

IMPACT PP

B391G

Description

YUPLENE B391G is a propylene impact copolymer designed for injection molding applications. YUPLENE B391G has high stiffness, excellent dimensional stability, good impact strength and very high flowability. This is not a chemical cracked grade so it is free from surface gas mark. YUPLENE B391G is especially suitable for various electrical appliances, large products and thin wall products. YUPLENE B391G complies with FDA regulation 21 CFR177.152 for food contact.

Application

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

Physical Properties

| Term/Item | Value | Unit | Test Method |
|---|-------|--------------------|-------------|
| Melt Index | 40.0 | g/10min | ASTM D1238 |
| Softening Point(Vicat) | 150 | °C | ASTM D1525 |
| Tensile Strength at Yield | 270 | kg/cm ² | ASTM D638 |
| Elongation at Break | <500 | % | ASTM D638 |
| IZOD Impact Strength(Notched, -20°C) | 2.5 | kg-cm/cm | ASTM D256 |
| IZOD Impact Strength(Notched, 23°C) | 6 | kg-cm/cm | ASTM D256 |
| Dupont Impact at -10°C | >20 | kg-cm | ASTM D2794 |
| Spiral Flow | >800 | mm | SK Method |
| Flexural Modulus | 13000 | kg/cm ² | 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 |

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