

# XENOY™ 6620 resin

Polycarbonate + PBT

SABIC Innovative Plastics

## Message:

Impact modified, highly chemical resistant polyester/polycarbonate alloy.

| General Information                                              |                          |                   |                 |
|------------------------------------------------------------------|--------------------------|-------------------|-----------------|
| UL YellowCard                                                    | E207780-101488597        |                   |                 |
| Additive                                                         | Impact modifier          |                   |                 |
| Features                                                         | Impact modification      |                   |                 |
|                                                                  | Good chemical resistance |                   |                 |
| Processing Method                                                | Injection molding        |                   |                 |
| Physical                                                         | Nominal Value            | Unit              | Test Method     |
| Specific Gravity                                                 | 1.20                     | g/cm <sup>3</sup> | ASTM D792       |
| Molding Shrinkage - Flow (3.20 mm)                               | 1.4 - 2.0                | %                 | Internal method |
| Mechanical                                                       | Nominal Value            | Unit              | Test Method     |
| Tensile Strength <sup>1</sup> (Yield)                            | 43.0                     | MPa               | ASTM D638       |
| Tensile Elongation <sup>2</sup> (Break)                          | 180                      | %                 | ASTM D638       |
| Flexural Modulus <sup>3</sup> (50.0 mm Span)                     | 1720                     | MPa               | ASTM D790       |
| Flexural Strength <sup>4</sup> (Yield, 50.0 mm Span)             | 64.0                     | MPa               | ASTM D790       |
| Impact                                                           | Nominal Value            | Unit              | Test Method     |
| Notched Izod Impact (23°C)                                       | 800                      | J/m               | ASTM D256       |
| Thermal                                                          | Nominal Value            | Unit              | Test Method     |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm) | 60.0                     | °C                | ASTM D648       |
| Injection                                                        | Nominal Value            | Unit              |                 |
| Drying Temperature                                               | 120                      | °C                |                 |
| Drying Time                                                      | 3.0 - 4.0                | hr                |                 |
| Drying Time, Maximum                                             | 12                       | hr                |                 |
| Processing (Melt) Temp                                           | 250 - 290                | °C                |                 |
| Mold Temperature                                                 | 55.0 - 80.0              | °C                |                 |
| NOTE                                                             |                          |                   |                 |
| 1.                                                               | Type 1, 50mm/min         |                   |                 |
| 2.                                                               | Type 1, 50mm/min         |                   |                 |
| 3.                                                               | 1.3 mm/min               |                   |                 |
| 4.                                                               | 1.3 mm/min               |                   |                 |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT