

# ColorFast® PCT1000

Polycarbonate + PET

LTL Color Compounders, Inc.

## Message:

PC/PET alloy with outstanding chemical resistance and impact strength

| General Information                      |                          |                   |             |
|--|--------------------------|-------------------|-------------|
| Features                                 | Good Chemical Resistance |                   |             |
|  | High Impact Resistance   |                   |             |
| Forms                                    | Pellets                  |                   |             |
| Processing Method                        | Injection Molding        |                   |             |
| Physical                                 | Nominal Value            | Unit              | Test Method |
| Specific Gravity                         | 1.17                     | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (260°C/3.8 kg) | 18                       | g/10 min          | ASTM D1238  |
| Mechanical                               | Nominal Value            | Unit              | Test Method |
| Tensile Strength <sup>1</sup> (Yield)    | 51.7                     | MPa               | ASTM D638   |
| Flexural Modulus <sup>2</sup>            | 1930                     | MPa               | ASTM D790   |
| Flexural Strength <sup>3</sup>           | 75.8                     | MPa               | ASTM D790   |
| Impact                                   | Nominal Value            | Unit              | Test Method |
| Notched Izod Impact (23°C)               | 690                      | J/m               | ASTM D256   |
| NOTE                                     |                          |                   |             |
| 1.                                       | 51 mm/min                |                   |             |
| 2.                                       | 51 mm/min                |                   |             |
| 3.                                       | 51 mm/min                |                   |             |

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## Recommended distributors for this material

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