

# ColorFast® PCT2010

Polycarbonate + PBT

LTL Color Compounders, Inc.

Message:

PC/PCT alloy with improved chemical resistance

| General Information                      |                          |                   |             |
|--|--------------------------|-------------------|-------------|
| Features                                 | Good Chemical Resistance |                   |             |
| Forms                                    | Pellets                  |                   |             |
| Processing Method                        | Injection Molding        |                   |             |
| Physical                                 | Nominal Value            | Unit              | Test Method |
| Specific Gravity                         | 1.24                     | 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>            |                          |                   | ASTM D638   |
| Yield                                    | 53.1                     | MPa               |             |
| Break                                    | 41.4                     | MPa               |             |
| Tensile Elongation <sup>2</sup> (Break)  | 180                      | %                 | ASTM D638   |
| Flexural Modulus <sup>3</sup>            | 2070                     | MPa               | ASTM D790   |
| Flexural Strength <sup>4</sup>           | 82.7                     | MPa               | ASTM D790   |
| Impact                                   | Nominal Value            | Unit              | Test Method |
| Notched Izod Impact (23°C)               | 850                      | J/m               | ASTM D256   |
| NOTE                                     |                          |                   |             |
| 1.                                       | 51 mm/min                |                   |             |
| 2.                                       | 51 mm/min                |                   |             |
| 3.                                       | 51 mm/min                |                   |             |
| 4.                                       | 51 mm/min                |                   |             |

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### 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



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