# Spartech Polycom SP7006

### Polycarbonate

#### Spartech Polycom

#### Message:

Spartech Polycom SP7006 is a polycarbonate (PC) product. It can be processed by injection molding and is available in North America. Features include: flame retardant/rated flame Good UV resistance Good toughness mold release agent excellent release agent

| General Information  |                             |          |             |
|--|-----------------------------|----------|-------------|
| Additive   | demoulding                  |          |             |
|  | UV stabilizer               |          |             |
|  |                             |          |             |
| Features   | Good UV resistance          |          |             |
|  | Good electrical performance |          |             |
|  | Good toughness              |          |             |
|  | Good demoulding performance |          |             |
|  |                             |          |             |
| Appearance   | Available colors            |          |             |
|  | Natural color               |          |             |
|  |                             |          |             |
| Forms  | Particle                    |          |             |
| Processing Method  | Injection molding           |          |             |
| Physical   | Nominal Value               | Unit     | Test Method |
| Specific Gravity   | 1.20                        | g/cm³    | ASTM D792   |
| Melt Mass-Flow Rate (MFR)                                  | 7.0                         | g/10 min | ASTM D1238  |
| Mechanical   | Nominal Value               | Unit     | Test Method |
| Tensile Strength (Yield)                                   | 62.1                        | MPa      | ASTM D638   |
| Flexural Modulus - Secant                                  | 2340                        | MPa      | ASTM D790   |
| Impact   | Nominal Value               | Unit     | Test Method |
| Notched Izod Impact (23°C)                                 | 910                         | J/m      | ASTM D256   |
| Thermal  | Nominal Value               | Unit     | Test Method |
| Deflection Temperature Under Load (1.8<br>MPa, Unannealed) | 132                         | °C       | ASTM D648   |
| Flammability   | Nominal Value               |          | Test Method |
| Flame Rating   | НВ                          |          | UL 94       |

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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

