



## Component - Plastics

File Number: E98529

### TEIJIN LIMITED RESIN AND PLASTIC

ENVIRONMENT QUALITY ASSURANCE DEPT  
DIV 2, KASUMIGASEKI COMMON GATE  
WEST TOWER, 2-1, KASUMIGASEKI 3-CHOME  
CHIYODA-KU, Tokyo 100-8585 Japan



### Multilon: TN-7280(a3)(ss)

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), pellets

(a3) - May be suffixed with any letters except CK.

(ss) - Virgin and regrind up to 40% by weight have the same basic material characteristics.

| Flammability                     | Value    | Test Method          |
|----------------------------------|----------|----------------------|
| Flame Rating                     |          | UL 94                |
| 0.8 mm, ALL                      | V-2      |                      |
| 1.0 mm, ALL                      | V-1      |                      |
| 1.5 mm, ALL                      | V-0, 5VB |                      |
| 3.0 mm, ALL                      | V-0, 5VB |                      |
| Flammability Classification      |          | IEC 60695-11-10, -20 |
| 1.5 mm, ALL                      | V-0, 5VB |                      |
| 3.0 mm, ALL                      | V-0, 5VB |                      |
| 1.0 mm, ALL                      | V-1      |                      |
| 0.8 mm, ALL                      | V-2      |                      |
| Electrical                       | Value    | Test Method          |
| Hot-wire Ignition (HWI)          |          | UL 746A              |
| 1.5 mm                           | PLC 2    |                      |
| 3.0 mm                           | PLC 1    |                      |
| High Amp Arc Ignition (HAI)      |          | UL 746A              |
| 1.5 mm                           | PLC 1    |                      |
| 3.0 mm                           | PLC 1    |                      |
| Comparative Tracking Index (CTI) | PLC 2    | UL 746A              |
| Thermal                          | Value    | Test Method          |
| RTI Elec                         |          | UL 746B              |
| 0.8 mm                           | 60.0 °C  |                      |
| 1.0 mm                           | 60.0 °C  |                      |
| 1.5 mm                           | 60.0 °C  |                      |
| 3.0 mm                           | 60.0 °C  |                      |
| RTI Imp                          |          | UL 746B              |
| 0.8 mm                           | 60.0 °C  |                      |
| 1.0 mm                           | 60.0 °C  |                      |
| 1.5 mm                           | 60.0 °C  |                      |
| 3.0 mm                           | 60.0 °C  |                      |
| RTI Str                          |          | UL 746B              |
| 0.8 mm                           | 60.0 °C  |                      |
| 1.0 mm                           | 60.0 °C  |                      |
| 1.5 mm                           | 60.0 °C  |                      |
| 3.0 mm                           | 60.0 °C  |                      |



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