

Flame retardant ABS (Acrylonitrile Butadiene Styrene) is a thermoplastic polymer that is treated with various chemicals to prevent burning or slow the spread of fire.

GENERAL MATERIAL PROPERTIES*

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|---|--------------------------|
| Melt flow index ASTM D-1238 | 5.0 g/10mins |
| Mass Density ASTM D-792 | 1.19 |
| Tensile strength ASTM D-638 | 390 kg/cm ² |
| Tensile Elongation ASTM D-638 | 15% |
| Flexural strength ASTM D-790 | 620 kg/cm ² |
| Flexural modulus ASTM D-790 | 21000 kg/cm ² |
| Izod impact strength ASTM D-256 | 18 kg/cm ² |
| Heat deflection temperature ASTM D-648 | 73 - 83 °C |
| VICAT softening temperature ISO R-306 | 90 °C |

APPLICATIONS

Sockets
Auto parts
Electrical enclosures
Switch panels
Instrumentation

*The above product parameters are to be considered typical product parameters and are not intended to be considered product specifications. Table provided are general and may vary PA-765 CH/TW