

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*

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