



## ABSCOM® FR1000

Acrylonitrile Butadiene Styrene

ABSCOM FR1000 is a flame retardant ABS grade with a UL94 rating tested to V0 at 1.5mm. Typical applications include electrical enclosures and safety equipment.

| Typical Property                | Typical Value | Unit              | Test Method based on |
|---------------------------------|---------------|-------------------|----------------------|
| Melt Flow (220°C / 5 kg)        | 16            | g/10 min          | ISO 1133             |
| Izod Notched Impact (RT)        | 15            | kJ/m <sup>2</sup> | ISO 180/1A           |
| Tensile Strength at Yield       | 35            | MPa               | ISO 527              |
| Elongation at Yield             | 2.1           | %                 | ISO 527              |
| Vicat Softening point (50°/50N) | 88            | °C                | ISO 306              |
| Density                         | 1180          | Kg/m <sup>3</sup> | ISO 1183             |
| Flammability (1.5 mm)           | V0            |                   | UL-94                |
| Flammability (0.8 mm)           | V2            |                   | UL-94                |

All data given are typical product data and do not represent minimum values.  
The actual value may vary depending on colour and additives.

All information supplied by or on behalf of PCL in relation to its products whether in the nature of data, recommendations or otherwise is supported by research and believed reliable but PCL assumes no liability whatsoever in respect of application, processing or use of afore-mentioned products, or any consequences thereof. No liability whatsoever shall attach to PCL for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or other use of the afore-mentioned information or products by the user.

The user undertakes all liability in respect of the application, processing or use of the afore mentioned information or product, whose properties he shall verify or any consequence thereof.