



## ABSCOM SE180

ACRYLONITRILE/BUTADIENE/STYRENE

ABSCOM SE180 is a GP ABS material, used in Injection moulding and Extrusion.

| Typical Property                | Typical Value | Unit              | Test Method based on |
|---------------------------------|---------------|-------------------|----------------------|
| Melt Flow (220C /10kg)          | 10            | g/10 min          | ISO1133(B)           |
| Flexural Modulus                | 2300          | MPa               | ISO 527              |
| Tensile Strength at Yield       | 48            | MPa               | ISO 527              |
| Izod Notched Impact             | 30            | KJM2              | ISO 180/1A           |
| Density                         | 1060          | Kg/m <sup>3</sup> | ISO 1183             |
| Flammability (1.50 mm)          | HB            |                   | UL-94                |
| Elongation at Break             | >5            | %                 | ISO 527              |
| Vicat Softening point (50°/50N) | 93            | °C                | ISO 306              |

| Processing             |           |    |           |
|------------------------|-----------|----|-----------|
| Linear Mold Shrinkage  | ISO 294-4 | %  | 0.4 - 0.7 |
| Melt Temperature Range | ISO 294   | °C | 210 - 240 |
| Drying Temperature     | -         | °C | 80        |
| Drying Time            | -         | h  | 2 - 4     |

All data given are typical product data and do not represent minimum values.

The actual value may vary depending on colour and additives. These values are based on a black colour.

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