



Data Sheet

Cawiton PR13630

Application: Medical grade

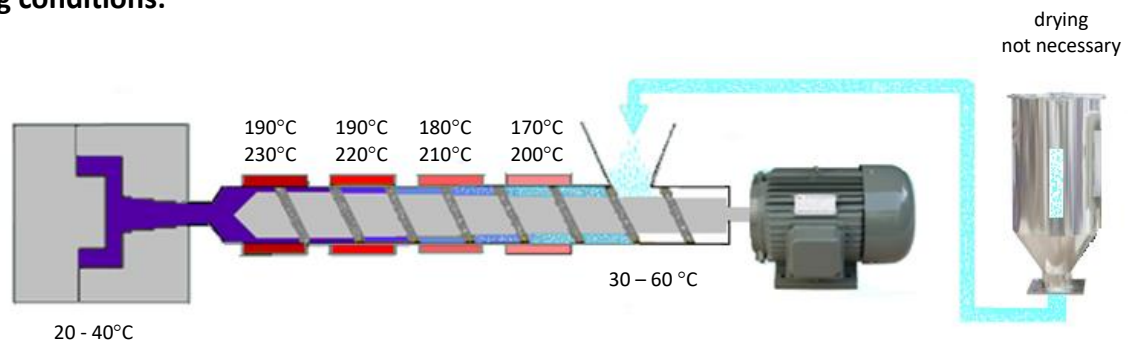
Cawiton PR13630 is a medical grade SEBS compound with a hardness of 30 Shore A. This grade is suitable for injection moulding and profile extrusion.

| Typical Properties at 23°C | Method | Unit | Value |
|----------------------------|----------|--------------------|---------------|
| General Properties | | | |
| Polymer abbreviation | | | SEBS Compound |
| Hardness | ISO 868 | Shore A (3 s) | 30 |
| Density | ISO 2781 | kg/dm ³ | 0.90 |
| Colour | | | Translucent |
| Melting point | DSC | °C | 152 |

| Rheological Properties | | | |
|-------------------------------|----------|---------|-----|
| Melt Flow Index | ISO 1133 | g/10min | 2 |
| Temperature | ISO 1133 | °C | 230 |
| Weight | ISO 1133 | kg | 3.8 |

| Mechanical Properties | | | Flow direction | Cross Flow direction |
|-------------------------------------|----------|-----|----------------|----------------------|
| Tensile strength | ISO 37 | MPa | 2.9 | 7.8 |
| Elongation at break | ISO 37 | % | 500 | >1000 |
| Tensile modulus at 100 % elongation | ISO 37 | MPa | 1.4 | 0.7 |
| Tensile modulus at 200 % elongation | ISO 37 | MPa | 1.9 | 1 |
| Tensile modulus at 300 % elongation | ISO 37 | MPa | 2.2 | 1.3 |
| Tear strength | ISO 34-2 | N | 15 | 12 |
| Compression set | ISO 815 | % | 28 | |

Processing conditions:



Please contact our material specialists if you need additional information on our products.

This information is based on our experience to date and we believe it to be reliable. It is intended as a guide for use at your discretion and risk. We cannot guarantee favourable results and assume no liability in connection with the use of the product described. None of this information is to be taken as a license to operate under, or a recommendation to infringe, any patents.