



# Product Data Sheet

## Cawiton PR13680

**Application:** Medical injection moulding grade

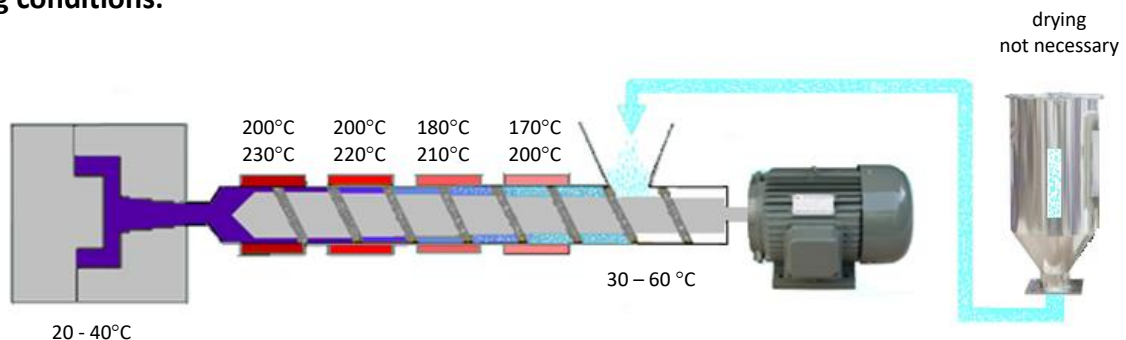
Cawiton PR13680 is a medical grade SEBS compound with a hardness of 80 Shore A. This grade is suitable for injection moulding.

Typical Properties at 23°C	Method	Unit	Value
<b>General Properties</b>			
Polymer abbreviation			SEBS Compound
Hardness	ISO 868	Shore A (3 s)	80
Density	ISO 2781	kg/dm <sup>3</sup>	0.90
Colour			Translucent
Melting point	DSC	°C	156

<b>Rheological Properties</b>			
Melt Flow Index	ISO 1133	g/10min	20
	Temperature	ISO 1133	°C
	Weight	ISO 1133	kg
			3.8

<b>Mechanical Properties</b>			Flow direction	Cross Flow direction
Tensile strength	ISO 37	MPa	10	16
Elongation at break	ISO 37	%	610	>1000
Tensile modulus at 100 % elongation	ISO 37	MPa	4.5	3.4
Tensile modulus at 200 % elongation	ISO 37	MPa	5.4	4.1
Tensile modulus at 300 % elongation	ISO 37	MPa	6.4	5.0
Tear strength	ISO 34-2	N	45	36
Compression set (22hr at 70°C)	ISO 815	%	58	

### Processing conditions:



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