



# Data Sheet

## Cawiton PR13640

**Application:** Medical grade

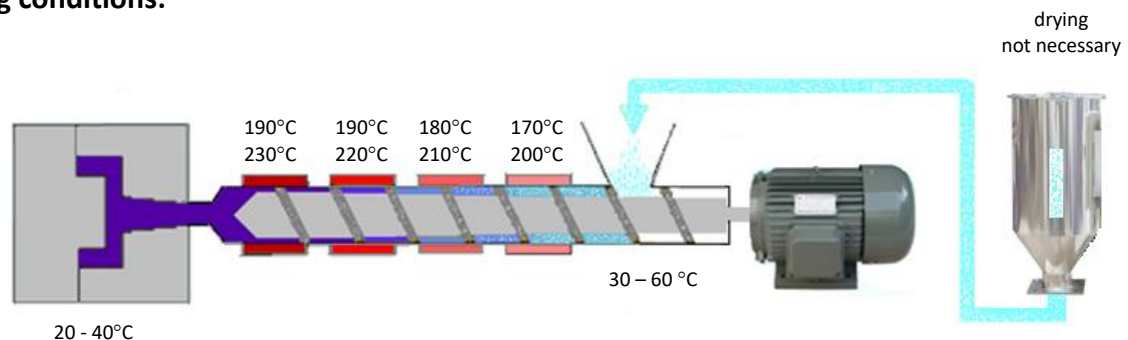
Cawiton PR13640 is a medical grade SEBS compound with a hardness of 40 Shore A. This grade is suitable for injection moulding and profile extrusion.

Typical Properties at 23°C	Method	Unit	Value
<b>General Properties</b>			
Polymer abbreviation			SEBS Compound
Hardness	ISO 868	Shore A (3 s)	40
Density	ISO 2781	kg/dm <sup>3</sup>	0.90
Colour			Translucent
Melting point	DSC	°C	153

<b>Rheological Properties</b>			
Melt Flow Index	ISO 1133	g/10min	5
Temperature	ISO 1133	°C	230
Weight	ISO 1133	kg	3.8

<b>Mechanical Properties</b>			Flow direction	Cross Flow direction
Tensile strength	ISO 37	MPa	3	7.1
Elongation at break	ISO 37	%	490	>1000
Tensile modulus at 100 % elongation	ISO 37	MPa	1.5	0.8
Tensile modulus at 200 % elongation	ISO 37	MPa	2.0	1.1
Tensile modulus at 300 % elongation	ISO 37	MPa	2.3	1.4
Tear strength	ISO 34-2	N	15	13
Compression set	ISO 815	%	34	

### Processing conditions:



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