



Product Data Sheet

Cawiton PR13680

Application: Medical injection moulding grade

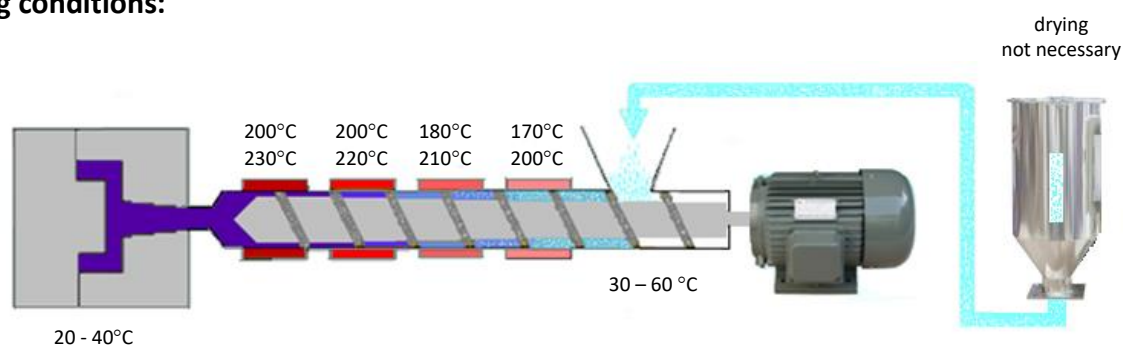
Cawiton PR136180 is a medical grade SEBS compound with a hardness of 80 Shore A. This grade is suitable for injection moulding.

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

Rheological Properties			
Melt Flow Index	ISO 1133	g/10min	20
Temperature	ISO 1133	°C	230
Weight	ISO 1133	kg	3.8

Mechanical Properties			Flow direction	Cross Flow direction
Tensile strength	ISO 37	MPa	10	16
Elongation at break	ISO 37	%	610	>1100
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

Processing conditions:



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