



# Product Data Sheet

## Cawiton CN990

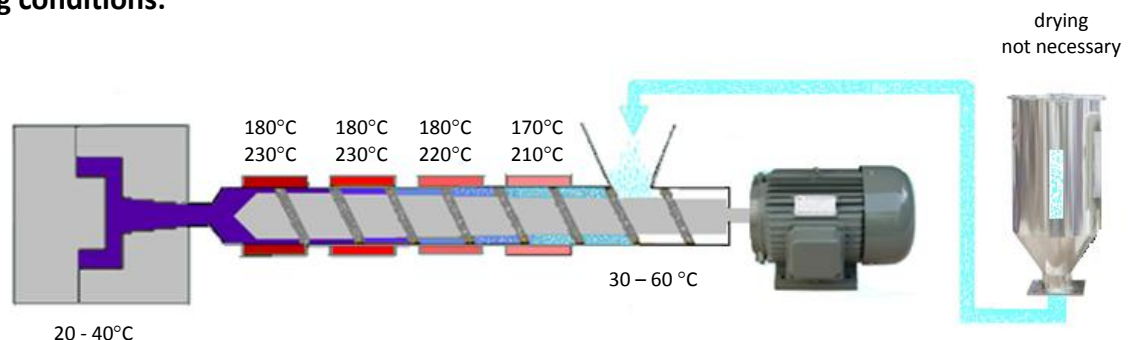
Cawiton CN990 is a high performance SEBS grade with a hardness of 90 Shore A. The temperature resistance and compression set are striking better than standard SEBS compounds.

Typical Properties at 23°C	Method	Unit	Value
<b>General Properties</b>			
Polymer abbreviation			SEBS compound
Hardness	ISO 868	Shore A	90
Density	ISO 2781	kg/dm <sup>3</sup>	1.10
Colour			natural, opaque
Melting point	DSC	°C	153

<b>Rheological Properties</b>			
Melt Flow Index	ISO 1133	g/10min	28
	Temperature	ISO 1133	°C
	Weight	ISO 1133	kg
			5.0

<b>Mechanical Properties</b>			Flow direction	Cross Flow direction
Tensile strength	ISO 37	MPa	9.5	12
Elongation at break	ISO 37	%	420	610
Tensile modulus at 100 % elongation	ISO 37	MPa	6.7	5.3
Tensile modulus at 200 % elongation	ISO 37	MPa	7.7	6.2
Tensile modulus at 300 % elongation	ISO 37	MPa	8.1	6.6
Tear strength	ISO 34-2	N/mm	61	52
Compression Set 22hr/70°C	ISO 815	%	61	
Compression Set 24hr/120°C	ISO 815	%	94	

### 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.