



Datasheet Cawiton SN910

Application:

Cawiton SN910 is a standard (universal) SEBS with a hardness of 10 Shore A. The mechanical properties of this material are relatively good.

Typical Properties at 23°C	Standard	Unit	Value
General Properties			
Polymer abbreviation			SEBS
Hardness	ISO 868	Shore A	10
Density	ISO 2781	kg/dm ³	1,17
Colour			opaque
Melting point	DSC *1)	°C	166

Rheological Properties			
Melt Flow Index	ISO 1133	g/10min	61,0
Temperature	ISO 1133	°C	230
Weight	ISO 1133	kg	2,16

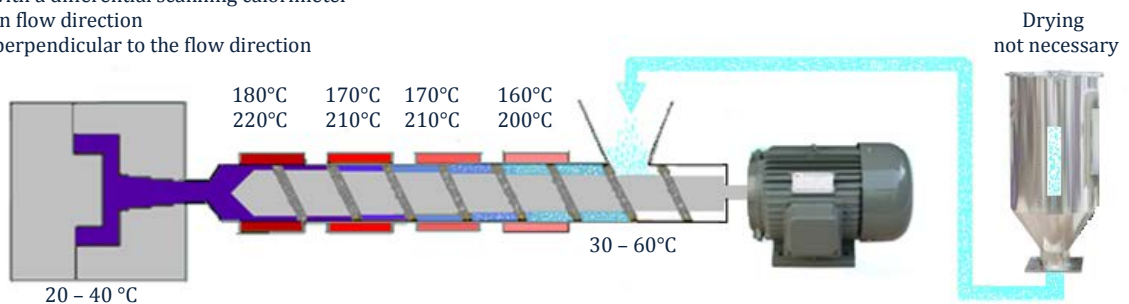
Mechanical Properties				*2)	*3)
				↓	↔
Tensile strength	ISO 37	MPa		1,2	3,5
Elongation at break	ISO 37	%		776	941
Tensile modulus at 100 % elongation	ISO 37	MPa		0,6	0,4
Tensile modulus at 200 % elongation	ISO 37	MPa		0,7	0,6
Tensile modulus at 300 % elongation	ISO 37	MPa		0,9	0,9
Tear strength	ISO 34-2	kN/m		10,8	15,2
Compression set 22h/70°C	ISO 815	%			28
Compression set 24h/120°C	ISO 815	%			

Processing Properties			
Melt temperature [min. – max.]		°C	160 - 220

*1 Measured with a differential scanning calorimeter

*2) Measured in flow direction

*3) Measured perpendicular to the flow direction



Please contact our material specialists if you need addition information about this material.