



## Datasheet Cawiton SN920

### Application:

Cawiton SN920 is a standard (universal) SEBS with a hardness of 20 Shore A. The mechanical properties of this material are relatively good.

Typical Properties at 23°C	Standard	Unit	Value
<b>General Properties</b>			
Polymer abbreviation			SEBS
Hardness	ISO 868	Shore A	20
Density	ISO 2781	kg/dm <sup>3</sup>	1,17
Colour			opaque
Melting point	DSC *1)	°C	166

<b>Rheological Properties</b>			
Melt Flow Index	ISO 1133	g/10min	1,9
Temperature	ISO 1133	°C	230
Weight	ISO 1133	kg	2,16

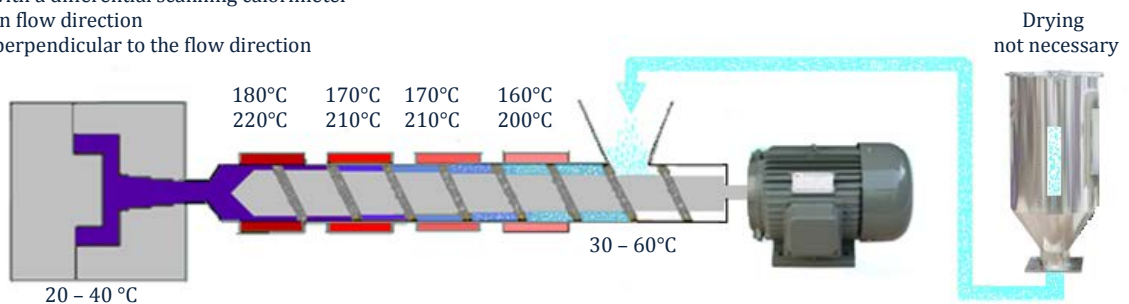
<b>Mechanical Properties</b>			*2) ↓	*3) ↔
Tensile strength	ISO 37	MPa	1,9	4,0
Elongation at break	ISO 37	%	726	891
Tensile modulus at 100 % elongation	ISO 37	MPa	0,7	0,6
Tensile modulus at 200 % elongation	ISO 37	MPa	1,0	0,8
Tensile modulus at 300 % elongation	ISO 37	MPa	1,2	1,1
Tear strength	ISO 34-2	kN/m	12,9	16,6
Compression set 22h/70°C	ISO 815	%		32
Compression set 24h/120°C	ISO 815	%		

<b>Processing Properties</b>			
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.