Cawiton® SN910

Styrene Ethylene Butylene Styrene Block Copolymer

Wittenburg B.V.

Message:

Cawiton SN910 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) material. It is available in Europe for injection molding. Primary attribute of Cawiton SN910: Copolymer.

General Information			
Features	Block Copolymer		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.17	g/cm³	ISO 2781
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	61	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A)	10		ISO 868
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 37
Across Flow : 100% Strain	0.400	MPa	
Flow : 100% Strain	0.600	MPa	
Across Flow : 200% Strain	0.600	MPa	
Flow : 200% Strain	0.700	MPa	
Across Flow : 300% Strain	0.900	MPa	
Flow : 300% Strain	0.900	MPa	
Tensile Stress			ISO 37
Across Flow : Yield	3.50	MPa	
Flow : Yield	1.20	MPa	
Tensile Elongation			ISO 37
Across Flow : Break	940	%	
Flow : Break	780	%	
Tear Strength			ISO 34-1
Across Flow	15	kN/m	
Flow	11	kN/m	
Compression Set (70°C, 22 hr)	28	%	ISO 815
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature (DSC) [1]	166	°C	DSC
Injection	**Nominal Value**	**Unit**	
Hopper Temperature	30.0 to 60.0	°C	
Rear Temperature	160 to 200	°C	

Middle Temperature	170 to 210	°C
Front Temperature	170 to 210	°C
Nozzle Temperature	180 to 220	°C
Processing (Melt) Temp	160 to 220	°C
Mold Temperature	20.0 to 40.0	°C

NOTE	
1.	Measured with a differential scanning calorimeter

Recommended distributors for this material

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