

Cawiton® PR10942H

Styrene Ethylene Butylene Styrene Block Copolymer
Wittenburg B.V.

Message:

Application: Medical grade SEBS compound
Cawiton PR10942H is a medical grade SEBS with a hardness of 46 Shore A. This material is suitable for medical stoppers. The following sterilization methods can be used for this material: Ethylene Oxide, Steam (121°C or 134°C) and radiation (<5 MRad). The SEBS used for this grade complies with the requirements of USP class VI.

General Information			
Features	Block Copolymer		
	Radiation disinfection		
	Ethylene oxide disinfection		
	Disinfect with steam		
Uses	Medical/nursing supplies		
Agency Ratings	USP Class VI		
Appearance	Green		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm³	ISO 2781
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	1.8	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	46		ISO 868
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	160	°C	DSC
Injection	Nominal Value	Unit	
Hopper Temperature	30 - 60	°C	
Rear Temperature	150 - 200	°C	
Middle Temperature	170 - 210	°C	
Front Temperature	180 - 220	°C	
Nozzle Temperature	180 - 220	°C	
Mold Temperature	20 - 40	°C	

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Recommended distributors for this material

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