


## MEDICAL GRANULE



TRADE MARK Product				Solutran® Hemo	Solutran® HemoT	Solutran® G Phthalate Free
		Description		Medical Grade PVC Compound for Hemo Components /with DEHP		Medical Grade PVC Compound for Hemo Components - Phthalate Free /with TEHTM
Application	Tubular Extrusion					
	Tube Extrusion					
Medical Use		For Blood Bags Systems & containers for Hemo Components (Red Blood Cells & Whole Blood)		For Blood Bags Systems & containers for Hemo Components (Platelets)	For Ozone Therapy System & containers for Hemo Components and Nutrition	
Plasticising	DEHP (DOP**)					
	DEHT (DOTP**)					
	TEHTM (TOTM**)					
	EVA					
Color ***	Natural					
	Natural Clear					
	Light Blue					
	Amber					
Hardness	Value	76 Shore A		65 Shore A up to 80 Shore A	70 Shore A	
	Method	ISO 868		ISO 868	ISO 868	
Melt Flow Index	Value <sup>(average)</sup>	-----		-----	-----	
	Method	-----		-----	-----	
Density	Value <sup>(average)</sup>	1,2 g/cm <sup>3</sup>		1,2 g/cm <sup>3</sup>	1,2 g/cm <sup>3</sup>	
	Method	ISO R 1183		ISO R 1183	ISO R 1183	
Tensile Breaking Load	Value <sup>(average)</sup>	180 Kg/cm <sup>2</sup>		180 Kg/cm <sup>2</sup>	200 Kg/cm <sup>2</sup>	
	Method	ISO R 527		ISO R 527	ISO R 527	
Elongation at Break	Value <sup>(average)</sup>	308%		330%	400%	
	Method	ISO R 527		ISO R 527	ISO R 527	
Stiffening Temperature	Value <sup>(average)</sup>	< - 80 °C (depending on Shore)		< - 80 °C (depending on Shore)	< - 80 °C (depending on Shore)	
	Method	ISO R 458		ISO R 458	ISO R 458	
HANDLING	Storage Conditions	Packaging Type	Big Bags (Octagonal Containers) of 800/1000 Kg			
		Room Temperature	Not Exceeding 40 °C			
		Temperature at Use	48h before use it should be stored within 18 °C to 22 °C			
Shelf-life	5 years from the date of production					

\* Decrease of blushing effect after sterilization process

\*\* Acronym In Italian Language

\*\*\* Color differences depend of the tone of the resin