




MEDICAL GRANULE

		TRADE MARK Product		Solutran® Hemo	Solutran® HemoT	Solutran® G Phthalate Free
		Description				Medical Grade PVC Compound for Hemo Components /with DEHP
PRODUCT FEATURES	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						
PHYSICAL PROPERTIES	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 ^(average)	-----	-----	-----	
		Method	-----	-----	-----	
	Density	Value ^(average)	1,2 g/cm ³	1,2 g/cm ³	1,2 g/cm ³	
		Method	ISO R 1183	ISO R 1183	ISO R 1183	
	Tensile Breaking Load	Value ^(average)	180 Kg/cm ²	180 Kg/cm ²	200 Kg/cm ²	
		Method	ISO R 527	ISO R 527	ISO R 527	
	Elongation at Break	Value ^(average)	308%	330%	400%	
		Method	ISO R 527	ISO R 527	ISO R 527	
	Stiffening Temperature	Value ^(average)	< - 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