


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	Medical Grade PVC Compound - 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 ^(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