


GRANULES PVC (MEDICAL COMPOUND)

TRADE MARK Product				Solutran®	Solutran® Plus	Solutran® DOP Free	Solutran® Plus DOP Free	Solutran® Hemo	Solutran® HemoT	Solutran® G Phthalate Free		
		We research to deliver care		Medical Grade PVC Compound /with DEHP	Medical Grade CLEAR-PVC* Compound /with DEHP	Medical Grade PVC Compound - DEHP Free /with DEHT	Medical Grade CLEAR-PVC* Compound DEHP Free /with DEHT	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		
PRODUCT FEATURES	Description											
	Application	Tubular Extrusion	●	●	●	●	●	●	●	●		
		Tube Extrusion	●		●							
	Medical Use	For containers as a primary packaging for Infusion, Irrigation & Renal Systems		For containers as a primary packaging for Infusion, Irrigation & Renal Systems. For products that require exceptional transparency.		For containers as a primary packaging for Infusion, Irrigation & Renal Systems		For containers as a primary packaging for Infusion, Irrigation & Renal Systems. For products that require exceptional transparency.		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	60 Shore A up to 90 Shore A	80 Shore A up to 90 Shore A	60 Shore A up to 90 Shore A	80 Shore A up to 90 Shore A	76 Shore A	65 Shore A up to 80 Shore A	70 Shore A			
		Method	ISO 868	ISO 868	ISO 868	ISO 868	ISO 868	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	1,2 g/cm ³	1,2 g/cm ³	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	ISO R 1183	ISO R 1183	ISO R 1183	ISO R 1183	ISO R 1183		
	Tensile Breaking Load	Value ^(average)	From 135 to 170 Kg/cm ²	From 135 to 170 Kg/cm ²	From 130 to 175 Kg/cm ²	From 130 to 175 Kg/cm ²	180 Kg/cm ²	180 Kg/cm ²	200 Kg/cm ²			
		Method	ISO R 527	ISO R 527	ISO R 527	ISO R 527	ISO R 527	ISO R 527	ISO R 527			
	Elongation at Break	Value ^(average)	From 340% to 270% (depending on Shore)	From 340% to 270% (depending on Shore)	From 350% to 280% (depending on Shore)	From 340% to 270% (depending on Shore)	308%	330%	400%			
		Method	ISO R 527	ISO R 527	ISO R 527	ISO R 527	ISO R 527	ISO R 527	ISO R 527			
Stiffening Temperature	Value ^(average)	From -22°C to -8°C (depending on Shore)	From -22°C to -8°C (depending on Shore)	From -22°C to -7°C (depending on Shore)	From -22°C to -8°C (depending on Shore)	< - 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	ISO R 458	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