

Cixi Xinyu Pastics Factory

Certificate of Analysis

Product name:	PVC Granules for IV Set Tube							
Test standards:	GB15593-2020, REACH, ROHS2. 0							
Batch No.	2025101303							
Expiry Date:	2030/10/13			Manufacturing Date:			2025/10/14	
Test item		Unit	Test Method		Standards	Test Results		
Physical performance	Shore Hardness	HA	GB/T2411		≤80	74		
	Elongation at Break	%	GB/T5836		≥200	354. 32		
	Tensile Strength	Mpa	GB/T1040		≥13	17. 15		
	Density	g/cm³	GB/T1033		1. 21±0. 05	1. 21		
	Max Force	N	GB/T13525-1922		-	645. 30		
	Appearance	No color or nearly colorless transparent granular substance, uniform plasticizing and free of impurities				Qualified		
	Color	Transparent colorless				Transparent colorles		
Water dissolution chemical performance	pH value	≤1. 0				0. 20		
	Nonvolatile matter	≤2. 0				0. 10		
	Zinc(ug/ml)	≤0. 4				0. 06		
	Reducing substances (consumption of 0. 02mol/LKMnO4)	≤0. 3				0. 12		
	Heavy metal (ug/ml)	≤0. 3				≤0. 21		
	Ultraviolet absorption (230-260mm)	≤0. 3				0. 1		
	Ash(mg/B)	≤1				Qualified		
	Vinyl chloride monomer (ug/g)	≤1				Qualified		
Biological performance	Pyrogen	No pyrogen				Qualified		
	Hemolysis	Hemolysis rate ≤5%				Qualified		
	Acute systemic toxicity	No cause acute systemic toxicity				Qualified		
Conclusion:	Qualified							
Suggested Processing Temperature	Area1	150-160℃	Area2	160-175℃	Area3	165-180℃	Area4	140-160℃
Tested by:HUANG Jiaqi			Approved by: PAN Xiaohong					
Date: 黄嘉琪 2025.10.31			Date: 潘小洪 2025.10.31					