

## CYNPOL SP5700

Polyvinyl Chloride

### Product Description

CYNPOL SP5700 is a low molecular weight and medical grade vinyl suspension resin. CYNPOL SP5700 is designed for high flow injection and blow molding applications where consistent particle size distribution and low contamination, rigid gels, and residual VCM levels are important. This resin has excellent clarity, color and thermal stability.

### Applications

Clear and opaque, extruded sheet, bottles, and other high flow injection and blow molding applications

### Requirement meets

CYNPOL SP5700 is classified GP-2-16340 by ASTM D-1755.

### Physical Properties

Property <sup>1</sup>	Test Method	Unit	Typical Value	Reference
Relative Viscosity	Estimated		1.84	
Inherent Viscosity	PPVC 45A		0.69	+/-0.02
K Value	DIN 53726		57	
Bulk Density	PPVC 24	g/cm <sup>3</sup>	Max 33	
Percent Volatiles	PPVC 22	%	Max 0.35	
Residual Vinyl Chloride	PPVC 27	ppm	< 1	
Particle Size Distribution	PPVC 31A			
	% thru 40 mesh	%	0	Trace only
	% thru 200 mesh	%	<35	

<sup>1</sup> The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. These values and sets of properties are based upon laboratory work with small scale equipment and does not necessarily indicate end product performance. Full scale testing and end product use and performance are the responsibility of the Buyer. Buyer assumes all risk of use, storage and handling of the product. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, any patents. "Value" may not be construed as product specifications.



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