

## Geon™ 210 Series Blending Resins

Quality, consistency and performance for plastisol compounders and producers worldwide

### Our Vision

Geon™ 210 Series blending resins are specifically engineered to allow the plastisol compounder and producer to meet the quality and performance needs of their customers. Products are available in a range of molecular weights and particle sizes that enable formulating latitude for specific end-product processing and performance characteristics.

As one of the worlds' most experienced manufacturers of Specialty Vinyl Resins, PolyOne is also North America's largest supplier of these materials, servicing a wide range of end-use applications. The Geon brand name is globally recognized for product performance, quality and consistency, which allows Geon resins to be supplied to customers located throughout the world.

### Key Characteristics & Benefits

Geon 210 Series blending resins offer the following features & benefits:

- Modifications of plastisols to obtain a more pseudo-plastic rheology allowing for improved casting line uptime performance
- Improved air release performance of plastisols, providing fast de-aeration times and reduced scrap rates for reduced manufacturing cost
- Aged viscosity control increasing plastisol shelf life
- Lower surface gloss and decreased film clarity to meet market driven requirements



## Technical Specifications for Geon™ 210 Series Blending Resins

Materials	Average Particle Size	Description	Molecular Weight	
			IV	K-Value
<b>Geon 215</b>	30	Small particle size resin with a low coarse fraction for thin coatings	0.85	63
<b>Geon 217</b>	35	Small particle size resin with good chemically blown foam performance	0.92	65
<b>Geon 218</b>	75	Low molecular weight resin providing faster fusion performance	0.74	60

## Product Line Features & Specifications

Blending resins are used as a formulation tool in conjunction with dispersion resins in the preparation of plastisols. They are used in a wide variety of end-use applications, with part casting and wall thicknesses of 3 – 4 mils (75 – 100 µ) and thicker.

Blending resins are used as a 1:1 replacement for dispersion resins in the plastisol formula, with the total resin level remaining at 100 phr. Typical blending resin usage is 20 – 40 phr.

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