



Plastics Division

PVC 9250

Polyvinyl Chloride

Homopolym r

Description

PVC 9250 is a high-molecular-weight resin specifically designed for the extrusion, calendering and molding of medical-grade products requiring a low metal content. Its molecular weight distribution and uniform particle size permit the rapid blending of gel-free compounds.

Typical Properties

Appearance	Fine, white powder
Bulk Density	30 lbs./cu. ft.
Specific Gravity	1.40
Typical Screen Analysis	
Through 40 mesh	99.5 %
Through 200 mesh	5%
Inherent Viscosity	1.01
ASTM D1243-66	
Heat Loss (volatiles)	0.5%
Plasticizer Absorption	90
ASTM D1755-66	
ASTM Cell Classification	GP5-15343
ASTM D1755-66	

Typical Metal Analysis (max. ppm)

Al - 0.6	Mg - 0.6
Ba - 0.4	Mn - 0.06
Ca - 2.0	Mo - 0.03
Cr - 0.2	Ni - 0.5
Cd - 0.01	Si - 9.0
Cu - 0.1	Sn - 0.07
Fe - 4.0	Ti - 0.05
Pb - 0.1	Zn - 7.0

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