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Plastics Division

PVC 2200 PVC PEARLS®

(U.S. Patent No. 3,057,831)

Description

PVC 2200 is prepared by a unique suspension polymerization process which provides uniformly porous resin particles free of any impermeable membrane. It is an easy processing medium-molecular-weight homopolymer for most operations where medium-bulk-density together with excellent blending characteristics is required. In addition, PVC 2200 offers a low melt viscosity and a low gel content.

Typical Applications

Type I and Type II rigid extrusions. Vinyl flooring. Dry blend injection molding. Blow molding. High speed melt coating. Rotational molding.

Typical Properties

Appearance	Fine, white powder
Bulk Density	31 lbs./cu. ft.
Specific Gravity	1.40
Typical Screen Analysis	
Through 40 mesh	90%
Through 200 mesh	2%
Inherent Viscosity	0.81
ASTM D1243-60 Method A	
Heat Loss (volatiles)	0.5% (max.)
Plasticizer Absorption	90
ASTM D1755-66	
ASTM Cell Classification	GP2-16343
ASTM D1755-66	

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