

OxyVinyls® 355

General Description

Type: Polyvinyl Chloride Homopolymer
 Polymerization Process: Suspension
 Appearance: White, free flowing powder

Features and Uses

Excellent plasticizer absorption and dryup.
 Useful for calendered and extruded materials requiring high strength, abrasion resistance, grain retention, cut-through, and other physical properties.

Resin Properties	Typical Value	Specification Range	Test Method
Inherent Viscosity (dl/g)	1.60	1.57 - 1.63	OxyVinyls 893
Relative Viscosity	3.55	--	Correlation
"K" Value	88	--	Correlation
Volatiles (%)	0.08	0 - 0.3	OxyVinyls 1242
Sonic Sifter Particle Size			
% Retained on 40+60 mesh	1.0	0 - 10	OxyVinyls 1390
% Through 140 mesh	13.3	0 - 20	OxyVinyls 1390
% Retained on pan	2.8	0 - 6	OxyVinyls 1390
Dark Specks (#/100gm)	4	0 - 20	OxyVinyls 1217
Residual Monomer (ppm)	0.3	0 - 2	OxyVinyls 1005
Porosity (cc/g)	0.41	0.37 - 0.51	OxyVinyls 1094
Bulk Density (g/cc)	0.43	0.39 - 0.48	OxyVinyls 690
ASTM Cell Classification	GP-9-15453	--	ASTM D 1755
CAS Number	9002-86-2		

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Oxy Vinyls, LP

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