

Firestone
PLASTICS COMPANY



FPC
VINYL RESINS

FPC 9275

FPC 9275 is a polyvinyl chloride resin developed for use in cold blending operations and products requiring high plasticizer levels. It is easily compounded and, generally, a free-flowing product is produced that can readily be mill fused or processed in a banbury. This polymer is not normally recommended for applications requiring extruder densification because of its fine particle size.

TYPICAL PHYSICAL PROPERTIES

Relative Viscosity	2.77
(1% Solution in cyclohexanone at 25°C.)	
Inherent Viscosity	1.24
(ASTM D-1243)	
K Value	77
(Fikentscher - 1% solution in cyclohexanone at 25°C.)	
Specific Gravity	1.40
(ASTM D-792)	
Bulk Density	
(ASTM D-1895, Method B)	
gms./cc.	0.36
lbs./cu. ft.	23
Plasticizer sorption, parts of DOP per 100 parts of resin	165
(ASTM D-1755)	
Particle Size Distribution	
(ASTM D-1921, Method A)	
Retained on	
60 mesh, %	0
140 mesh, %	40
200 mesh, %	50
Thru 200 mesh, %	10
Volatiles, %	0.3
(Firestone Test C-13C)	
Classification	GP7-34680
(ASTM D-1755)	

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