

StanChem

polymers

StanChem SC 5184

Description:

StanChem SC 5184 is a vinyl/acrylic copolymer designed for use in interior architectural coatings demanding excellent scrub resistance and reliable pigment dispersions.

Typical Physical Properties:

Type:	Vinyl/Acrylic Copolymer
Solids by weight:	54.0 – 56.0 %
Viscosity* @ 20° C:	<1500 cps
pH @ 25° C:	4.5 – 5.5
Density:	9.00 +/- 0.1 lbs/gal
Tg (DSC):	15°C

*Brookfield RVT, #3 Spindle @ 20 RPM

Storage: SC 5184 is stable for at least 6 months from manufacturing date when stored between 5°C-40°C in appropriate containers.

WARRANTY:

Seller warrants that its product will meet the specifications which it sets for them. Seller's responsibility under this warranty will be limited solely to replacing the products which prove defective, provided that the Buyer gives Seller prompt notice in writing of said defect. Products may be returned to Seller only after written authorization has been obtained from Seller. The foregoing warranty is in lieu of all other warranties, whether oral, written, express, implied or statutory. IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WILL NOT APPLY. Technical or other advice is furnished by us solely as an accommodation and shall not increase the scope of our responsibilities or liability. Seller's warranty obligations and Buyer's remedies hereunder are solely and exclusively as stated herein: In no event will Seller be liable either for the labor and other associated costs incurred in replacing the product, including, but not limited to, its removal and application, or for other incidental or consequential damages.



StanChem SC 5184 White Interior Satin Enamel

<u>Pounds</u>	<u>Gallons</u>	<u>Raw Material</u>	<u>Supplier</u>	<u>Instructions</u>
100.0	12.00	Water		Add ingredients separately and in order under good agitation
6.0	0.65	Tamol 731	Dow	
1.0	0.13	AMP-95	Dow	
2.0	0.23	Byk 024	Byk Chemie	
2.0	0.23	Tergitol NP-10	Dow	
120.0	3.60	Tronox® CR-828	Tronox	Add slowly under good agitation
120.0	5.32	Atomite	Imerys	Increase speed and disperse to 6+ Hegman
400.0	44.44	StanChem SC 5184	StanChem	Continue adding with good agitation
132.2	15.87	Water		
2.0	0.27	Ammonium Hydroxide		
2.0	0.23	Byk 024	Byk Chemie	
11.0	1.45	Glycol Ether DPnB	LyondellBassell	
17.3	2.00	Propylene Glycol		
100.0	11.88	4% Natrosol 250HBR in water		
10.0	1.15	Acrysol RM-12W	Dow	Add slowly under good agitation to adjust viscosity and rheology
<u>5.0</u>	<u>0.55</u>	Acrysol RM-825	Dow	
1030.5	100.01	Total		

Formulation Parameters

Weight Solids	46.04%
Volume Solids	33.66%
Density	10.30 lbs/gal
Pigment Volume Concentrate	27.35%
Pigment / Binder	1.18
VOC, g/l	97
VOC, lbs/gal	0.81

Typical Paint Properties

pH	8.0 – 9.0
Viscosity (Stormer, 25C, KU)	95 – 105
Gloss (60°, 2 mils DFT on Leneta)	24 (measured)

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