



Owensboro Specialty Polymers, Inc.
Chemistry that Connects, People that Care

Owensboro Specialty Polymers, Inc.
5529 Highway 2830
Owensboro, KY 42303
www.onssp.com
Contact us at info@onssp.com

EVERFLEX[®] SP1084

Paint/Coating Emulsion

Everflex SP1084 is a high molecular weight polyvinyl acetate emulsion polymer. It has excellent strength and durability as well as high tensile strength both green and in the final product.

Everflex SP1084 is stabilized with hydrolyzed polyvinyl alcohol (PVOH) which imparts better shelf life with less settling.

Everflex SP1084 is designed for use as a concrete additive for improved adhesion and compressive strength.

PRODUCT SPECIFICATIONS

Total Solids	52.5-54.5%
pH	4.5-5.5
Viscosity	300-700 cps (Brookfield #3 spindle, 60 rpm, 25° C)
Residual Monomer	<1%

TYPICAL LATEX PROPERTIES

Description	Milky white liquid with a slight vinegar odor
Average Particle Size	<2.0 microns (approximate)
Weight/gallon, Emulsion	9.05 pounds
Weight/gallon, Solids	9.85 pounds
Specific Gravity	1.18
Mechanical Stability	20+ minutes
Borax Compatibility	No
Freeze Thaw Stability	No
Shelf Life Recommendation ¹	1 year
Recommended Storage Temperature	35-85° F

TYPICAL FILM PROPERTIES

Color/Clarity	Clear with a very slight haze
Gloss	Medium
Odor	None
Water Resistance	Good
Light Stability	Excellent
Aging Characteristics	Excellent
Film Consolidation	Good-Excellent
Tg	14° C

1. Maximum recommended shelf life under optimal storage conditions. Shelf life will vary depending on storage conditions.

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