

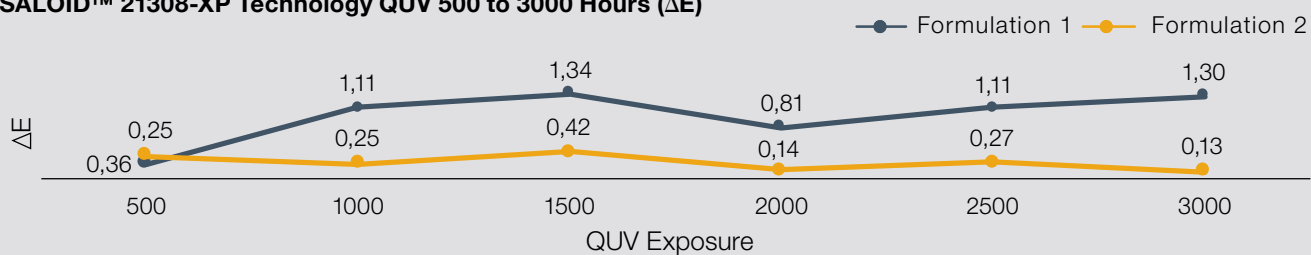


VERSALOID™ Flexible Acrylic Resin

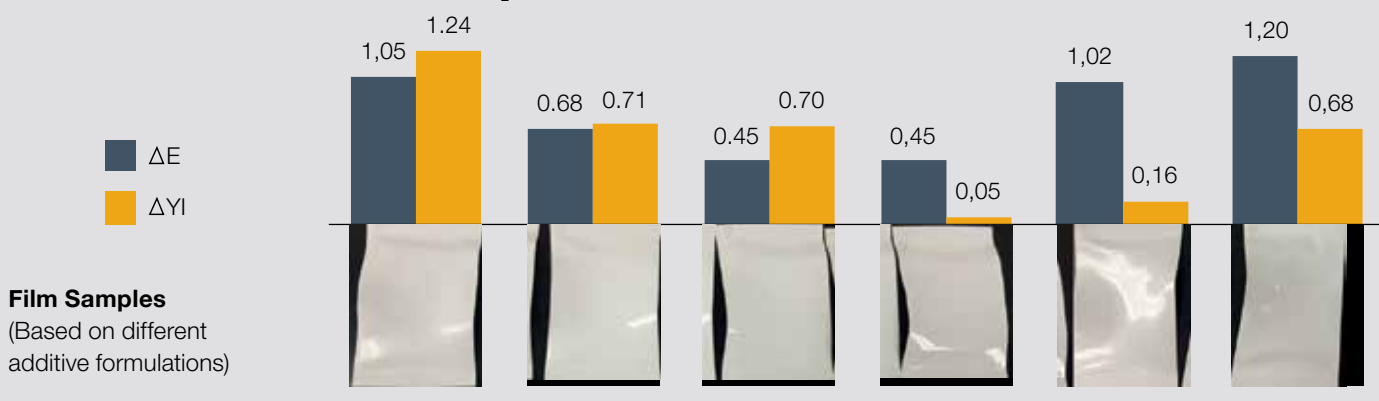
Novel, award-winning polymer technology from Dow

Outstanding Weatherability

VERSALOID™ 21308-XP Technology QUV 500 to 3000 Hours (ΔE)



VERSALOID™ 21308-XP Technology + TiO₂ QUV 5000 Hours (ΔE , ΔYI)



Broad Service Temperature Range

Dart Drop Test*

VERSALOID™ Technology maintains ductile performance at temperatures as low as -20 °C.

Temperature (°C)	Total Energy (J)	Failure Mode
-20	0.44	Ductile
0	0.48	Ductile
23	0.93	Ductile

*Instrumented Dart Properties ASTM D3763

**Film Tensile Properties ASTM D882

Universal Test**

VERSALOID™ Technology retains over 50% of its room temperature tensile strength at 60 °C.

Temperature (°C)	Strain at Break	Break Stress (psi)
0°C	52	2769
23°C	172	1862
40°C	184	1517
60°C	209	1021
80°C	237	609
100°C	233	315

Excellent Paint Adhesion



Solvent-based
Spray Paint

Acrylic
Oil Paint

Water-based
Latex Paint



Cross Hatch Test



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Note: except otherwise expressly specified, the graph and tables presented in this document originate from internal studies conducted by Dow in 2018.

Contact us:

Europe, Middle East, & Africa

Elisenda Falcó
Market Manager
Dow Plastics Additives
E: Elisenda.Falco@dow.com
P: +34 696 991 933

North America & Pacific

Khalid Ali
Market Manager
Dow Plastics Additives
E: mkali@dow.com
P: +1 (610) 244-7787

www.dow.com

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