



G-SEAL UV RESISTANCE Compound 9040

Interpretation of Results : This test is intended to simulate the deterioration caused by natural weathering in an accelerated manner. The rate of degradation in natural weathering varies from year to year while laboratory accelerated weathering is more consistent in rate. Therefore, in comparing natural and laboratory weathering, one should not attempt to predict the number of hours of laboratory exposure that might equal a year of natural weathering. *However, the intensity of laboratory weathering is significantly greater than natural weathering. The results below should not be interpreted as time of natural exposure.*

No Exposure

Tensile Strength	2956 psi
Ultimate Elongation	371%

400 Hours

Tensile Strength	2614 psi
Ultimate Elongation	306%

1000 Hours

Tensile Strength	2380 psi
Ultimate Elongation	264%

2000 Hours

Tensile Strength	2309 psi
Ultimate Elongation	248%

Test conducted per ASTM G53 "Standard Practice for Operating Light- and Water-Exposure Apparatus (Flourescent UV-Condensation Type) for Exposure of Nonmetallic Materials"

Test Conditions:

24 hour continuous UV exposure, 50⁰C

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