

Test results

- Nepheline syenite showed superior weatherability relative to Calcium carbonate in both stabilized and non-stabilized systems
- After 7000 hours in the QUV, Nepheline Syenite, with a UV stabilizer, had a delta E color change of only 1.69. Compared to a delta E color change of 4.6 for Calcium Carbonate, with the same UV stabilizer loading
- The data shows using Nepheline Syenite allows the user to lower the UV stabilizer package without sacrificing the UV resistance

Process and formulation benefits

- Non-hygroscopic therefore faster throughput and no need to be surface treated
- Wets out easily in the polymer matrix
- No antagonistic effect on additives thus enabling optimized dosages of light stabilizers, processing aids
- Superior scratch and mar resistance

Regulatory compliance

- FDA approved for use in indirect contact food applications
- Non-reportable level of free crystalline silica

For more information about HIFILL N mineral fillers,
please call: 800.243.9004 or email: Sales@coviacorp.com.

