## HIFILL<sup>®</sup> N Nepheline Mineral Fillers for Polymers

## No reportable free crystalline silica

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No need to be surface treated before using mineral is non-hydroscopic

Wets out easily in polymer matrix

Faster through-put

Why Use Nepheline Syenite?

Doesn't interfere with color, so lower pigments loading levels can be achieved while still maintaining the same color strength, thus saving \$

Helps with dispersion/color extension

**Better Performance** -scratch & mar resistance

## **Superior Weathering**

Cost Savings - can reduce amount of UV stabilizers, therefore saving \$

Less interference with other additives (i.e. AO, UV Stabilizers, slip, etc)



A unique all-natural sodium-potassium silicate mineral HIFILL®-N additives are available in ultrafine, precisely controlled particle size distributions for optimum performance. HIFILL®-N allows for formulation and processing cost reduction while not adversely impacting the products' physical properties and durability.

> What loadings?

Start with replacing CaCO<sub>3</sub> -1:1

Any physical performance decline?

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> NO - Nepheline Syenite behaves basically the same as CaCO<sub>3</sub>, as far ad mold shrinkage, melt index, tensile, impact, HDT, flexural modulus etc.

What is

Nepheline

Syenite?