Cycle Plus Masterbatch Concentrate reduces the Injection Molding & Extrusion Cycle Time for most plastics resins

PP | PE | Nylons | PBT | PC | LCP | PEEK | Rigid PVC

Improves tensile strength • Reduces color flow & weld lines • Reduces warpage
Improves color dispersion • Improves critical part tolerances

FDA Food Contact Compliant

Cycle Plus…Fast, Effective, Economical
**Cycle Plus**

Cycle Plus - a unique colloidal silica processing additive from Rowa Inc. slashes molding cycle times. Ultra-fine bright white silica particles in a universal masterbatch concentrate have been shown in laboratory and commercial field trials to reduce injection molding cycle times by 20% to 30% in polypropylene, filled and unfilled nylon, PBT, Acetal, glass filled PC, PPS, PEEK, and Rigid PVC (technical data and study information available, contact your Rowa Inc. sales associate or visit [www.rowainc.net](http://www.rowainc.net) and request information through our contact page). The processing advantage of **Cycle Plus** is accompanied by retention and improvements in key physical properties at low loadings (0.8% wt.).

**Cycle Plus** additive is an ultra high purity, amorphous colloidal fumed silica where the particles are discrete and non agglomerated in the form of a white masterbatch concentrate. Importantly the individual particles are spherical shaped and range in particle size from 0.02 to 0.55 microns (20 to 550 manometers).

**Cycle Plus** improves color dispersion. **Blues** are **Bluer**; **Greens** are **Greener**.

**Cycle Plus** reduces flow lines and surface defects – especially helpful in metallic colors.

**Cycle Plus** improves flame retardant additive dispersion. Flame retardant additives work better and can often be reduced in use level.

**Cycle Plus** is a function of nucleation dynamics as determined by Thermal Kinetics Study.

The information presented is a controlled study and deemed to be accurate. There is no guarantee or warranty of performance or accuracy of information. Results may vary and the user is responsible for determination of suitability in their applications.