

# CELANEX<sup>®</sup> 2012 AND CELCON<sup>®</sup> ACETAL COPOLYMER THE KEYS TO BETTER DIELECTRICS AND COST SAVINGS.

How I.T.W. Cortron—a leading keyboard designer and manufacturer—solved the cost/performance dilemma.

The challenge was the material for their unique SS3 keyswitch. It had to be extremely long-lived, easy to manufacture and simple to mold... all at an economical cost. The answer was CELANEX 2012 thermoplastic polyester resin plus CELCON acetal copolymer.

CELANEX 2012 — recognized as meeting U.L. 94V-0 and as a Class 130 material on the U.L. electrical temperature index — provided excellent mechanical properties and flexibility, superb dielectrics and exceptional consistency in both performance and processing. It also offered the necessary chemical resistance to the powerful solvents used in degreasing.

CELCON acetal copolymer provided the inherent lubricity and remarkable long-term stability demanded by a snap-fit application in a moving part. Both resins were dimensionally stable in extreme environments including high temperatures and humidity and both were simple and economical to process.

The result was another keyboard masterpiece from I.T.W. Cortron... rated for over 100,000,000 cycles. And another tough engineering challenge met by Celanese engineering resins.

For the answers to your most demanding design problems, mail the coupon today. We'll send you more information on CELANEX 2012 and CELCON acetal copolymer.

NEED DIELECTRICS -  
USE CELANEX 2012!

SPECIFY CELCON!

FRICION SURFACES NEED LUBRICITY  
& LONG TERM STABILITY.

Celanese Plastics and  
Specialties Company  
26 Main Street  
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Tell me more about  
 CELANEX 2012.  
 CELCON acetal copolymer.

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RESINS**

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