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DATE: August 8, 2003
TO: Boedeker Plastics Customers
FROM: Scott Baer, Product Engineer
RE: Delrin[®] 511P NC010 has replaced Delrin[®] II 550SA NC010

The DuPont Company discontinued Delrin[®] II 550SA NC010 at the end of 2002. Delrin[®] 511P NC010 is the replacement resin. As inventories of stock shapes manufactured from Delrin[®] II 550SA are depleted, they will be replaced by sheet, rod and tube made from Delrin[®] 511P.

Delrin[®] 511P NC010 has similar properties to the Delrin[®] II 550 NC010 product as listed below:

Comparative Mechanical Properties of Delrin[®] Grades

Property	Test Method	Units	Delrin [®] 511P NC010	Delrin [®] II 550SA NC010
Tensile Strength	ASTM D 638	psi	10,400	10,000
Tensile Modulus	ASTM D 638	psi	490,000	450,000
Flexural Modulus	ASTM D 790	psi	480,000	430,000
Izod Impact Strength	ASTM D 256	ft-lb/in	1.4	1.5
Heat Deflection Temperature @ 66 psi @ 264 psi	ASTM D 648	°F	336 237	334 264

Other certification information for Delrin[®] 511P and Delrin[®] II 550 NC010 products:

- Delrin[®] 511P NC010 can be certified to ASTM D 4181 POM112.
- Delrin[®] 550SA certifies to ASTM D 4181 POM 110B44350.
- Both Delrin[®] 550SA and Delrin[®] 511P are NSF Standard 61 listed.
- Both resins are FDA compliant per 21CFR177.2480 for repeated food contact at temperatures up to 212 °F (except those containing more than 8% alcohol.)

Delrin[®] is a registered trademark of the DuPont Company

Quality Engineered Materials for All Your Plastic Needs!