

FOR IMMEDIATE RELEASE

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DSM Somos® WaterClear™ 10120 Used To Prototype Wireless Modem For Personal Digital Assistants (PDA's)

New Castle, DE --- DSM Somos®, world leaders in innovative materials technology for the rapid prototyping industry, provided Somos® WaterClear™ 10120 to produce ten prototyped sets of the Pocket Spider IIc Wireless Modem for PDA's for use in a recent trade show.

The Pocket Spider, designed by RP Innovations, Inc., Richardson, Texas for OEM ENFORA, Inc., Plano, Texas, is a small, compact wireless modem for PDA's. The Pocket Spider is an enhanced generation of the first wireless IP (CDPD) modem designed exclusively for a CompactFlash slot. Wireless IP supports browser-based applications for PocketPC® and Palm® devices providing mobile professionals enterprise access, the ability to receive stock quotes, send and receive e-mail, and get directions, traffic conditions and airline information.

In this prototyping application, the use of Somos® WaterClear™ 10120 via stereolithography (SL) provided significant benefits. For example, SL parts cost only \$250.00 per set versus \$595.00 per set for CNC aluminum prototyping. Moreover, SL required only 3-5 days turnaround versus 12-15 days for CNC.

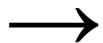


The Pocket Spider IIc, a small, compact wireless modem for PDA's designed by RP Innovations, Inc. for ENFORA, Inc. The Pocket Spider IIc was prototyped using unique DSM Somos® WaterClear™ 10120 – a new stereolithography resin providing the optical clarity of many polycarbonates.

DSM Somos® WaterClear™ 10120, the prototyping material of choice, is a new stereolithography resin providing the optical clarity of many polycarbonates. WaterClear™ 10120 is a unique composite of many desirable engineering properties mimicking the flexural strength and modulus of polycarbonate, the notched izod impact strength of Nylon 66, and the tensile strength of ABS. Its transparent appearance may be dyed, in a secondary step, for color tint. In addition to delivering optical-clarity, WaterClear™ 10120 prototypes ensure exceptional durability, toughness, and impact strength for testing of fit and function.

WaterClear™ 10120 is part of the ProtoFunctional® Materials family pioneered by DSM Somos®. ProtoFunctional® rapid prototyping resins replicate the performance parameters of production materials – from thermoplastic elastomers to polyethylene and polypropylene – saving both time and money in new product development.

From a commercial production standpoint, the Pocket Spider, injection molded by Phillips Plastics, maintains extremely tight tolerances coupled with the functional and aesthetic ergonomic demands of handheld



The ProtoFunctional® Materials Company

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PDA's. Cycloy®, a high impact amorphous polycarbonate and acrylonitrile-butadiene-styrene terpolymer resin blend was selected for both impact strength but also to achieve a metallic appearance.

Pocket Spider IIc Wireless Modem for PDA's is 3.87 inches long without antenna (4.95 inches with); 2.16 inches wide, 1.04 inches thick, and 2 ounces in weight without 3.5 ounce battery.

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