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AGY ANNOUNCES NEW DIRECT SIZING SYSTEM FOR E-GLASS YARNS USED IN THE AEROSPACE INDUSTRY

AIKEN, SC, USA - (**January 3, 2011**) - AGY, a leading global producer of glass fiber yarns and high-strength glass fiber reinforcements, announced its launch of a new, direct sizing system for E-Glass yarns today.

Building on its experience with its S-2 Glass[®] direct-sized products, AGY developed the new sizing system, called 947, for yarns used primarily in aerospace applications. Fibers with 947 sizing can be woven into fabric and used in composite applications without additional finishing.

Yarns produced with the new 947 sizing have significantly higher tensile strengths than their counterparts coated with traditional oil and starch sizes. And, because fabrics made from 947-coated yarns need not undergo the damaging heat treatments or other cleaning processes that can erode fabric integrity, they can contribute considerably more strength to the composite materials into which they are incorporated. Uni-directional standard general purpose epoxy laminates manufactured with this fiber have an ASTM 3039 tensile strength of 200 ksi (1379 MPa), a 40% improvement over traditional E-Glass yarns; and an ASTM D3410 compressive strength of 125 ksi (862 MPa), a 45% improvement over traditional E-Glass yarns.

“This new sizing system will provide our aerospace customers with new opportunities to remove weight from traditional composite products,” said Drew Walker, AGY Vice President of Sales and Marketing. “947 has been developed for a wide range of applications. It is compatible not only with epoxy and phenolic resins but also with thermoplastics. It even has the potential to be used in the development of hybrid glass and carbon fiber fabrics.”

The new sizing system is initially available on AGY’s DE75 yarn that is used primarily in aerospace fabrics and will soon be offered in other yarns as well. For more information, please visit www.agy.com.

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About AGY

AGY is a leading global producer of glass fiber yarns and high-strength glass fiber reinforcements used in a variety of composites applications. The company serves a diverse range of markets including aerospace and defense, electronics, construction and industrial. Headquartered in Aiken, South Carolina USA, AGY has a European office in Lyon, France and manufacturing facilities in the U.S. in Aiken, South Carolina and Shanghai, China.