

## **PRESS RELEASE - For immediate release**

June 2013

### **GMS Composites Promotes High Performance Prepregs and Custom Prepreg Development Service at JEC Asia 2013**

GMS Composites is promoting its latest range of high performance prepregs for the first time at JEC Asia 2013 in Singapore from 25<sup>th</sup>-27<sup>th</sup> June. The standard range of over 10 different prepregs currently manufactured by GMS Composites includes two tooling options: BP-190, a high temperature BMI resin tooling prepreg and EP-250 a high Tg, low temperature cure epoxy tooling prepreg. For particularly demanding applications the range has prepreg systems with enhanced performance attributes, such as: EP-290, a carbon nano toughened epoxy resin matrix prepreg; EP-530, a UL94 V-0 rated fire retardant epoxy prepreg resin; and EP-620, a ballistic level high impact resistant epoxy prepreg resin, which was first launched at JEC Europe earlier this year. All GMS Composites prepreg resins can be combined with a wide range of composite reinforcement fabrics made from carbon fibres, aramid, S-glass or polyethylene fibres to mould components designed for a variety of demanding applications in: aerospace, defence, rail, automotive and motorsport applications.

GMS Composites has particular expertise in developing and supplying 'bespoke' composite prepreg solutions. Using in-house technical knowledge alongside established external R&D partners, they work closely with customers to formulate and develop custom prepreg systems engineered to meet specific needs and performance requirements. This bespoke composite prepreg service has proved of particular benefit to aerospace, defence and motorsport customers needing prototypes and short run development specialty prepregs systems; the service has accelerated a number of new product development programmes, helping OEMs to bring new products to market more quickly. Technical datasheets and further information about the complete range of standard products available, as well as the bespoke 'custom prepreg' design and development service from GMS Composites will be available on the Carbon Nexus stand (J20); Carbon Nexus is Australia's leading centre for Carbon Fibre and Composites Applied Research.

As part of its continued business expansion, another reason GMS Composites is present at JEC Asia 2013 is to find and appoint suitable new agents and distributors based regionally in Asia who specialise in the supply of advanced composites to the key target markets. Sam Weller, managing director of GMS Composites, will be available for all three days of the show for meetings with any interested agents or regional distributors, as well as for technical discussions with potential new customers about their specific composite prepreg needs. To book a meeting during JEC Asia 2013 with GMS Composites call +61 3 9768 2225 or e-mail [info@gmsindustrial.com.au](mailto:info@gmsindustrial.com.au) . For more information about GMS Composites products and services visit [www.gmscomposites.com](http://www.gmscomposites.com) .

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**Websites featured in this article** [www.gmscomposites.com](http://www.gmscomposites.com) [www.carbonnexus.com.au](http://www.carbonnexus.com.au)



**Photo:** FR-1 roadster sports car

**Caption:**

For this FR-1 concept car, GMS EP270 epoxy prepreg was specified for its light weight and high mechanical performance for the 80 kg monocoque carbon fibre composite cockpit chassis, along with its cost efficient fibreglass tooling and low temperature production processing properties .

## About GMS Composites

GMS Composites is located in the Melbourne suburb of Dandenong South, Victoria, Australia, where they have their R & D, production and warehousing operations. GMS Composites has been manufacturing epoxy prepregs for over 12 years and now have an established range of over 10 different prepregs resins systems, which cover a wide range of industries including: aerospace, defence, ballistics, rail, motorsport, automotive and tooling. GMS Composites also provide CNC machining services and distributes nationally across Australia a wide range of vacuum consumables, reinforcement fabrics, cores and mould release agents from leading global ancillary and reinforcement suppliers.

GMS COMPOSITES, 42 Redgum Drive, Dandenong South, Victoria 3175 Australia  
Tel: +61 3 9768 2225 Fax: +61 3 9768 2285

For further information e-mail: [info@gmsindustrial.com.au](mailto:info@gmsindustrial.com.au) or call +61 3 9768 2225.  
Website: [www.gmscomposites.com](http://www.gmscomposites.com)

## About Carbon Nexus

Carbon Nexus is an international centre of excellence for fibre sciences, materials and manufacturing research and is enhancing Australia's capability in the carbon fibre industry. The facility will act as a hub connecting academia, industry, research and teaching with the ultimate goal of producing cost-effective and innovative solutions for the carbon fibre and composites industries. The \$34M centre will soon incorporate a 20 p.a. carbon fibre pilot line and single-tow research line, in addition to a range of state-of-the-art, fully equipped research laboratories. The facilities include a specialist fibre testing area, as well as processing, testing and characterisation equipment. Carbon Nexus will deliver a dedicated open access research facility capable of producing carbon fibre for aerospace and industry as well as enabling research into the chemical, mechanical and nanoscale characteristics of the carbon fibre product.

CARBON NEXUS, GEELONG TECHNOLOGY PRECINCT , 75 PIGDONS ROAD, 3216 - WARUM PONDS – AUSTRALIA Phone: +61 399 559 001 E-mail: [brad.dunstan@vcamm.com.au](mailto:brad.dunstan@vcamm.com.au)  
Website: [www.carbonnexus.com.au](http://www.carbonnexus.com.au)

<b>GENERAL INFORMATION FOR MEDIA CONTACTS</b>	
SUPPLIER:	GMS Composites
READER RESPONSE INQUIRIES TO:	<a href="mailto:info@gmsindustrial.com.au">info@gmsindustrial.com.au</a> Tel: +61 3 9768 2225
PRESS PUBLISHING INQUIRIES TO: Nigel O'Dea , Director	Outsourcing B2B Marketing Tel: +44 1536 210133 Mobile: +44745 695984 e-mail: <a href="mailto:nigelodea@outsourcingb2bmarketing.com">nigelodea@outsourcingb2bmarketing.com</a>
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