

News Release



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FEIPLASTIC 2013 - Booth J95

Orion Engineered Plastics Expands Offerings for Plastics Processors in South America

São Paulo, Brazil, May 20, 2013 – Orion Engineered Carbons is featuring three carbon black pigments at FEIPLASTIC in Brazil, May 20-24, ideal for polymer systems used for black injection-molded parts, sheets and films made from PVC and other general thermoplastics. Produced at Orion's facility in Paulinia, Brazil, all three grades -- **PBR G** beads, **PBR 60** beads and **PBR 300** beads -- are engineered for consistent purity and dispersion performance.

Collectively, they offer a range of color, tint strength and other benefits to satisfy many demanding polymer applications. Carbon black pigments can also be used to adjust rheological and mechanical properties and provide UV protection for outdoor uses. The pigment blacks are available in bags/bulk bags for shipment to plastics processors and formulators throughout South America. Specifications are as follows:

Product Name >		PBR 60 beads	PBR 300 beads	PBR G beads
Property	Method			
Iodine Absorption Number (mg/g)	ASTM D 1510	121 +/- 5	82 +/- 5	36 +/- 5
Oil Absorption Number (ml/100g)	ASTM D 2412	114 +/- 5	72 +/- 5	90 +/- 5
Tint Strength (% ITRB)	ASTM D 3265	116 +/- 5	111 +/- 5	56 +/- 6

These three are among a spectrum of Orion carbon black pigments for polymers, and Orion offers development expertise through its technical center for the Americas. "Our high-tech particles impart a combination of properties difficult to get from any other single additive," says Bhuvanesh Yerigeri, Ph.D, Technical Market Manager, Specialty Blacks, for Orion Engineered Carbons in the Americas.

In the plastics industry, the company's engineered pigments are used as colorants and additives in masterbatches and across an array of polymer compounds including: Polyolefins, polyamides, polyesters, PVCs, thermosets and engineered plastics. Applications include black injection-molded parts, sheathing for wire and cable, agricultural films, and adhesives and sealants.

Orion Engineered Carbons (www.orioncarbons.com) is an innovative producer of high quality carbon blacks focusing on collaborative partnerships with customers. The company offers 14 production sites and technical centers in the Americas, Europe and Asia to service emerging applications across the globe. For more information, visit: www.orioncarbons.com, or contact Orion Engineered Carbons at 1-832-445-3300.

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