

# Wind Energy

## Americas Product Linecard<sup>1</sup>

### North America

Ashland Performance Materials  
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### South America

Ashland Brazil – Ashland Performance Materials  
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Araçariguama São Paulo • +55 11 4136-6464

Product Type	Blades	Nacelles	Utility/Electrical Enclosures	Tooling and Repair
<b>Resins</b>	Derakane™ 601-200 series resins – GL (Germanischer Lloyd) approved epoxy vinyl ester resin for infusion; excellent processability, strength and durability; no need to post cure; low linear shrinkage.	Envirez™ L 86300 (INF) series resins – A greener option for nacelle construction, Envirez resins are Ashland's line of renewable resource-based resins for open molding or infusion processing.	Aropol™ 14027 series resins – Designed for injection molded BMC or compression molded SMC.	AME™ 6001 series tooling resin – Tough epoxy vinyl ester infusion resin designed especially for composite tool construction/superior elongation/toughness/HDT and excellent dimensional stability; MACT compliant; system compatible with Maxguard™ GT gelcoat.
		Aropol RTM 80501 series resin – Flexible unsaturated polyester resin for use in infusion processing.		
	Aropol G300 / M300 series resins – GL approved low shrink unsaturated polyester infusion resin with proven performance on thousands of blade installations.	Aropol 75501 series resin – Designed for infusion processes. Very good mechanical properties and low heat development during cure for the manufacturing of thick laminates.		
		Aropol Q67700 INF series resin – DCPD unsaturated polyester resin with high impact strength and good surface profiling; designed to minimize air entrapment.		
	Arazyn™ 4.6 series resin – Unsaturated polyester resin for use in open molding.			
<b>Gelcoats</b>	Maxguard™ LE series gelcoats – GL approved, durable, low HAP gelcoats able to withstand extreme conditions; reduces or eliminates the need for expensive post-paint operations; provides a smoother surface and is easy to repair.		Maxguard GT gelcoat – Gelcoat gives a hard, glossy surface with good heat and chemical resistance.	
		Maxguard 25RV series gelcoats – Durable gelcoats able to withstand typical weathering; reduces or eliminates the need for expensive post-paint operations.		
<b>Adhesives / Bonding Pastes</b>	Enguard™ BP 6200 series bonding paste – Based on epoxy modified vinyl ester resin and cured by standard 9% MEKP. Excellent static and dynamic mechanical properties. Excellent flow characteristics when applied by pump applicator. Can also be applied by hand.			
	Pliogrip™ 1000 series two-part structural acrylic adhesive – Excellent shear strength and fatigue performance; long open time with minimal surface preparation required.			
<b>Pigment Paste and Additives</b>	Enguard CP – Color paste based on monomer-free resin to pigment resin or clear gelcoat.			

<sup>1</sup> All available Ashland wind products not listed here. To confirm product availability in other global regions contact your local Ashland representative.

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