

Delrin donates renewable acetal homopolymer

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Delrin, an industrial polymer business, has donated Delrin RA100CPE, a renewably attributed acetal homopolymer, to LIMBS International.

The amount of donated Delrin RA100CPE acetal homopolymer will enable the production of approximately 1,000 LIMBS Knees.

Delrin RA100CPE is used in the making of the knee systems of the prosthetic legs. Due to Delrin homopolymer properties, Delrin RA100CPE meets the prosthetic knee's demanding requirements for high stiffness, dimensional stability, wear resistance over millions of flexing cycles, low friction, and creep resistance.

“At Delrin, we care about our community and we're very proud that our donation will help LIMBS transform lives,” said Juergen Pongratz, president and CEO of Delrin.

Delrin RA100CPE, is a sustainability leader in its product category; it is produced using 100% bio feedstock, 100% certified renewable electricity and steam sourced via municipal waste energy recovery. It offers the same quality, performance, processing and sensory experience as its fossil-based equivalent. Delrin RA material production is certified according to the International Sustainability and Carbon Certification (ISCC) mass balance certification.

According to the World Health Organization (WHO), 30 million amputees lack access to prosthetics due to high costs, limited availability, and scarcity of support services.

LIMBS International is the a non-profit organization that provides a full leg prosthetic system and a rehabilitation program for amputees.

“LIMBS believes that every individual – regardless of race, religion, ethnicity, economic status, or nationality – deserves love, compassion, respect, and the opportunity to become a productive member of society. Every day we work to give people hope and a chance for a better life. This generous donation from Delrin will go a long way toward helping us achieve our vital mission,” said Lucas Galey, MS, PhD executive director of LIMBS.