

ZEON Group (Overseas)

Zeon Chemicals L.P. (ZCLP)

Introduction to Zeon Chemicals L.P.

Zeon Chemicals L.P. was established in 1989 from the purchase of the BF Goodrich Elastomers Division combined with the new ZEON HNBR facility in Pasadena, Texas. ZCLP manufactures Nipol[®] NBR, HyTemp[®] PA (acrylic rubber), Zetpol[®] (HNBR), Hydrin[®], and Zeotherm[®] polymers in North America. The company also provides sales and market development support in North America for cyclo-olefin polymers, styrene isoprene block polymers, reaction injection molding, and electronic materials. It also includes Zeon Brazil, a wholly owned subsidiary serving South America.

As part of its continued growth, ZCLP completed expansion of its acrylic rubber polymerization capacity in the Kentucky Plant in 2013. The new capacity allows Zeon to service growing acrylic rubber markets worldwide with innovative new products.



President and CEO
Tom Gettelfinger



Kentucky Plant



Installation of new acrylic
rubber reactor in Kentucky.

Environmental and Safety Activities

Achieving world class sustainability requires critical thinking about the entire supply chain, including suppliers and customers. To this end, ZCLP established the Zeon Green Award to recognize and encourage suppliers and customers who partner with Zeon in CSR initiatives such as returnable packaging.

On May 1, 2013, Gold Key was given the Zeon Green Award for their participation in this program. A plaque was presented to Jim Gardiner, Shipping and Receiving Supervisor, and Jamey Petrik, Materials Manager to recognize their company for their efforts. Gold Key Processing, Inc., A HEXPOL Company, is a major custom mixer of rubber compounds for a large customer base of rubber part producers. The company was formed in 1998 on a site in Middlefield, OH and was acquired by Hexpol Compounding in 2007. Zeon has been a key supplier of elastomers to Gold Key ranging over all of our product lines. When Zeon began using metal steels for packaging baled rubber, Gold Key was one of the first to participate in the effort to recover them for reuse. In 2011, Zeon initiated bi-weekly scheduled collection in Ohio as a way of being more proactive in the recovery of emptied steels and Gold Key was a very willing participant.

Jerry Saxion, Managing Director of Gold Key, sent a thank you note in which he wrote "The Gold Key team really appreciates the award from the ZEON team and the continued support you provide as a valuable partner in our supply chain. We also really appreciate your hard work and direct support of the Gold Key facility and the HEXPOL organization."



Zeon Green Award

The recovery of metal steels has an impact on more than just the environment. Though it does allow us to eliminate the non-reusable wood and cardboard that was consumed previously, it also allows Zeon to save money on packaging costs.

Environmental Data

Zeon Chemicals L.P. (USA): Kentucky		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	7	7	8	8	8
	Consumption (tons)	6,459	17,691	18,189	16,260	14,927
	Amount emitted (tons)	33	39	43	28	20
Industrial waste	Amount generated (before volume reduction) (tons)	671	770	720	572	505
	Amount sent to landfill (tons)	645	736	689	552	478
Water resources (Industrial water + Ground water + Waterworks) consumption (1,000 m ³)		-	-	1,080	965	957
CO ₂ emissions (tons)		22,799	34,648	34,755	32,217	31,741
Energy consumption (crude oil equivalent, kL)		6,909	11,170	11,048	10,136	9,820

Zeon Chemicals L.P. (USA): Texas		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	0	0	0	0	0
	Consumption (tons)	0.0	0.0	0.0	0.0	0
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0
Industrial waste	Amount generated (before volume reduction) (tons)	24	42	39	32	47
	Amount sent to landfill (tons)	3.9	1.4	1.0	1.2	2
Water resources (Industrial water + Ground water + Waterworks) consumption (1,000 m ³)		-	-	198	234	226
CO ₂ emissions (tons)		5,419	10,426	10,325	9,965	10,059
Energy consumption (crude oil equivalent, kL)		1,509	3,093	3,065	2,945	2,940

Zeon Chemicals L.P. (USA): Mississippi		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	3	3	3	3	3
	Consumption (tons)	2,633	5,466	5,160	4,444	4,933
	Amount emitted (tons)	39	76	70	47	48
Industrial waste	Amount generated (before volume reduction) (tons)	57	53	41	22	44
	Amount sent to landfill (tons)	57	53	41	22	44
Water resources (Industrial water + Ground water + Waterworks) consumption (1,000 m ³)		-	-	152	134	142
CO ₂ emissions (tons)		13,097	22,375	19,256	17,925	17,133
Energy consumption (crude oil equivalent, kL)		5,350	9,652	8,157	7,514	7,122

Activities with the Local Community

ZCLP KY Plant volunteers continued their support of local schools in 2013. One effort was assisting over 400 Cane Run Elementary School students in their special tour of science, technology, engineering, arts and math careers as part of the S.T.E.A.M. in Kentucky Celebration event. Zeon participated with other area exhibitors to educate the children on the role of technology in the history and development of Kentucky including industries ranging from agriculture and farming to advanced manufacturing.

For children living in urban areas, there is a challenge to help them appreciate the connection between the environment and modern society. "They live in a heavily industrialized area. There are few grocery stores, most of their parents rent, so food can't be grown at home," Environmental magnet coordinator Darleen Horton said. "This program exposes them to the rich history of these subjects in Kentucky, others ways of life both past and present, and how to be good environmental stewards." Many of the activities were connected to Jefferson County Public Schools' push to create a workforce that can fill the need for careers in science, technology and engineering.



S.T.E.A.M.