



PARC (USA) CORPORATION



*Full-Service Recycler &
geschlossener- Kreislauf Recycling Advokat*
2012

415 Enterprise Drive, Romeoville, IL 60446. Contact: sales@parcusa.com / 815.372.3500

RECYCLE FÜR DIE ZUKUNFT



PETE



HDPE



V



LDPE



PP



PS



OTHER

PARC - HINTERGRUND

- **Voll-Service Plastik Recycling Firm seit 1996, bedient USA and internationale Kunden in Post-Industriellen and Post-Verbraucher Recycling.**
- **Verkauft recycelt Plastik an Hersteller in den USA und in Asien für wiederverwertbare Produkte wie Faser, Filmblatt, Autoteile, Geräteile, Plastik Bauholz, Kleiderbügel, Spülungsröhre, Büroartikel, Paletten, und verschiedene Verbindungen**
- **PARC steht in den Top 20 Nord Amerika Recyclers, und verkauft mehr als 200 Millionen Pfund recycelt Plastik**





PARC Entwicklung

Mit Blick auf die Nachhaltigkeitsziele und Anforderungen der unterschiedlichen Industrien, und verpflichtet mit der Verantwortung als Bürger der Erde, hat PARC funktionale Infrastruktur entwickelt, Lösungen anzubieten, um das Ziel von "Null- Mülldeponie" zu erreichen!

Top Stelle in der Plastik Recycling Industrie

PLASTICS NEWS, May 25, 2009 • 9

North America's

Top 25 PLASTICS RECYCLERS & BROKERS

Ranked by plastics recycling volume in most recent full fiscal year

Rank	Company	Top recycling official	Recycling volume† (million lbs.)		Materials recycled %		Type of plastic waste %		Processes	Materials bought/sold
			Most recent year	Previous year	Reprocessed in-house	Brokered only	Post consumer	Post industrial		
1	Waste Management Recycle America LLC Houston Waste Management Inc. (P)	Don Majka VP sales & marketing	520	514	65	35	77	23	1	1,2,3,4,5,6,7, 8,9,10
2	KW Plastics Recycling Troy, Ala.	Scott Saunders General Manager	490	490	100	0	87	13	2,3,4,5	2,5
3	Avangard Innovative Houston	Rick Perez CEO & President	457	560	0	100	60	40	1,2,3,4,8	1,2,3,4,5,6
4	Custom Polymers Inc. Charlotte, N.C.	John N. Calhoun II Phil Howerton III Partners	240	210	40	60	35	65	1,2,3,4,5,6, 7,8	1,2,3,4,5,6,7, 8,9,10
5	Ekman Recycling Inc. Brick, N.J. Ekman Group	Cliff Brand VP non-fiber division	214.7	N.A.	19	81	92	8	1,8	1,2,4,5,7,8,10
6	Parc Corp. Romeoville, Ill.	Kathy Xuan President	200	200	30	70	50	50	1,2,3,4,5	1,2,3,4,5,6,7, 8,9,10

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Minderheitseigenes Unternehmen



CHICAGO MINORITY SUPPLIER DEVELOPMENT COUNCIL

THIS CERTIFIES THAT

PARC CORPORATION

Has met the requirements for certification as a bona fide Minority Business Enterprise as defined by the National Minority Supplier Development Council, Inc. (NMSDC) and as adopted by the Chicago Minority Supplier Development Council.

****NAICS Codes: 423930**

****Description of their product/services as defined by the North American Industry Classification System (NAICS)**

9/30/2009

Issued Date

9/30/2010

Expiration Date

CH2183

Certificate Number

President, CMSDC

By using your assigned (through NMSDC only) password, NMSDC Corporate Members may view the original certificate by logging in at: <http://www.nmsdc.org>



An affiliate of the National Minority Supplier Development Council, Inc. (NMSDC)



**PARC hält Stelle unter
TOP EXPORTERS in der USA**
(je nach UBM Global Trade Statistiken)

1/1/2010 to 12/31/2010

~~#44~~ PARC Corporation USA

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PARC Auszeichnung: 2012 IL SBA Exporter of the Year



U.S. Small Business Administration
Illinois District Office

500 West Madison Street, Suite 1150
Chicago, IL 60661-2511
312-353-4528 • 312-886-5688 (FAX)
<http://www.sba.gov/il>

March 7, 2012

Kathy Xuan
CEO
PARC (USA) Corporation
1415 Enterprises Drive
Romeoville, IL 60446

Dear Ms. Xuan:

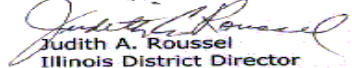
Congratulations! You have been selected as the Illinois 2012 Small Business Exporter of the Year. You and the other Illinois award winners will be honored during the Illinois Small Business Week Celebration in June.

This celebration will be sponsored by the SBA in partnership with SCORE and the Illinois Department of Commerce and Economic Opportunity (DCEO) Small Business Development Center Network.

In a subsequent letter, we will advise you of the final arrangements for your award presentation. If you have any questions, please contact Mark Ferguson of this office at 312-353-5430.

Thank you and, once again, congratulations. We look forward to working with you to publicize this major small-business award!

Sincerely,


Judith A. Roussel
Illinois District Director
U.S. Small Business Administration

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Weltweites Sourcing





Recycling Anlagen



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PARC (USA) — CHICAGO



RECYCLE FOR THE FUTURE
PARC CHICAGO

www.parcusa.com



PARC Corporation is headquartered in Romeoville IL, a suburb of Chicago IL. We have been in the plastics recycling business for more than ten years. In this PARC Corp has earned a solid reputation for outstanding service in the industry. PARC Corp markets millions of pounds of various types of recovered plastic material each year, in other words, thousands of truck loads between overseas containers and domestic trailer shipments annually. PARC Corporation is a certified minority owned business by the NMSDC and has been selected as one of the top businesses in the United States by Diversity Business.com.

PARC's Chicago location has over one hundred thousands square feet of warehouse and manufacturing space with sufficient parking to accommodate trailers of ocean containers. Together PARC USA and PARC China are equipped for sorting, grinding, baling, shredding, and pelletizing. In addition, we have the ability to pick up, process, stage, and consolidate materials for immediate or future shipments. We also employ a professional staff, not only with regards to the plastics industry, but also shipping, AQSIQ, and import/export policies to meet all your needs. This competitive advantage has helped us become worldwide "Masters of Plastic"



With service contracts with all the major shipping lines, PARC Corporation provides the most reliable freight services at competitive rates. PARC's professional transportation staff can arrange shipments of your products to and from all locations in the United States, Canada, Europe, South America and Central America or any places world wide.

“Full Service Recycling”

Dienstleistungen

- Warehousing
- Trans-loading
- Grinding
- Baling
- Sorting
- Palletizing



PARC hat AQSIQ Ausfuhrgenehmigung

Das genehmigte Lizenz durch China AQSIQ ist die einzige gesetzliche Erlaubnis zur Bewegung Scrap-Materiale nach China. PARC besitzt die Lizenz auf Kunststoffe, Metalle, Papier, Textil-und Hardware; in allen Arten von Recycling-Materialen.

进口可用作原料的固体废物国外供货商注册登记证书

LICENCE OF REGISTRATION FOR OVERSEAS SUPPLIER
ENTERPRISE OF IMPORTED SOLID WASTES AS RAW MATERIALS

经审核，贵公司符合进口可用作原料的固体废物国外供货商注册登记条件，准予注册登记。

According to the evaluation, we hereby declare that the following enterprise is in conformance with the requirements of registration for overseas supplier enterprise of imported solid wastes as raw materials, and granted the permission for registration.

注册证书编号(Licence No.):
A840041720

企业名称(Name of Enterprise):
PARC CORPORATION

国别/地区(Country/Region of Enterprise Located):
美国

企业地址(Address of Enterprise):
1415 Enterprise Dr. Romeoville, IL 60446 USA

注册产品种类(Types of Registered Scrap Materials):
废塑料, 废纸, 废纺织原料, 金属和合金废料

有效期(Period of Validity):
2011 年 01 月 01 日至 2013 年 12 月 31 日
(From January 01, 2011 to December 31, 2013)

中华人民共和国国家质量监督检验检疫总局
General Administration of Quality Supervision,
Inspection and Quarantine of the People's Republic of China

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Brücke zwischen der USA und China



PARC USA

PARC China

PARC (CHINA)

PARC (USA) — CHICAGO



环保为了明天
RECYCLE FOR THE FUTURE
PARC CUSAI

www.parcusa.com.cn



青岛致远帕克塑料有限公司，是美国帕克公司在中国兴建的外商独资企业。坐落于风景优美的海滨城市——青岛，占地十万多平方米的现代标准化厂房，以及近百亩的土地面积，为公司的持续发展，提供了坚实的基础和保证。

公司的经营范围从塑料原材料的生产和销售，各种原料/再生料的造粒和改性，到塑料制品和其他工业塑料制品的继续加工，产品远销美国和其它国家和地区；公司拥有多种塑料加工机械，各类专业人才，在与众多的客户发展合作过程中，积累了丰富的实践经验，形成先进的技术体系。在充分掌握和运用再生塑料的基础上，能够以最佳方案，最高性价比，最快的速度，最优的服务，满足客户的需求。

节约能源，保护环境。变废为宝，充分的利用塑料再生资源为人类服务，是政府一直鼓励进行的产业项目和循环经济的必由之路。

作为中国塑料工程协会——资源委员会的骨干企业，青岛致远帕克塑料有限公司本着为明天而环保的企业宗旨，努力的推动和扩大再生塑料行业在国内的发展，愿意携手国内外有志于从事再生塑料行业发展的同仁，互通有无，诚信守约，加强协作，共同发展。开创国内塑料再生行业发展的新纪元，拯救地球资源，造福下一代。



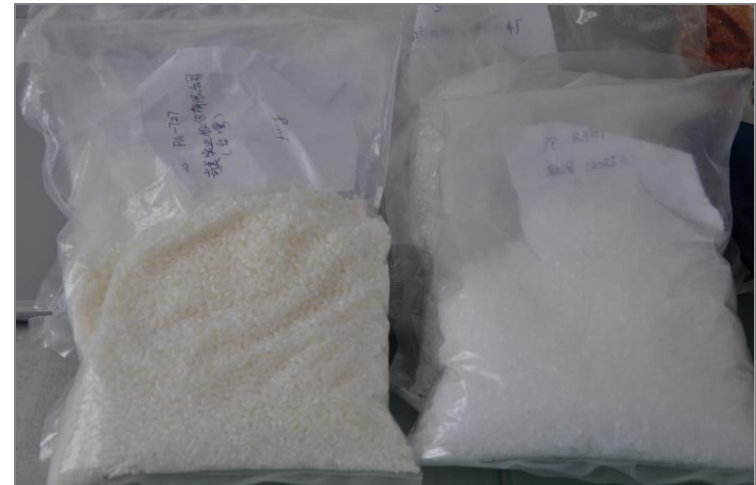
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Produktion in Qingdao



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Qualität Kontrolle und Versicherung in China



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Stattlicher Raum für Produktion

PARC China Dienstleistungen

- Lagerraum
- Sortieren
- Material Waschen
- Compoundieren
- Granulieren
- Bündeln
- Schleifen
- Zerfetzen



Fertigprodukte: Beispiele



PARC

USA | CHINA
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PARC Film for Packaging

1415 Enterprise Drive | Romeoville, IL 60446 | Ph: 815-372-3500 | www.parcusa.com

Data Information Sheet Typical Properties of A-PET Film

Description:

A clear amorphous PET (A-PET) film for use in thermoforming applications. It has excellent clarity, draw capability, and impact resistance. Typical applications include packaging for electronics, toys, tools, gifts, and other merchandise.

Property	Unit	SA Coated	Print Level	Anti-block Silicon Free	Anti-static Silicon Free	ESD	Conductive	Test Method
Thickness of Film Tested	mm	0.13-1.8	0.3-0.6	0.13-1.8	0.25-1.8	0.28-1.8	0.25-1.8	ASTM D1003
Density	g/cm ³	1.35	1.35	1.35	1.35	1.35	1.35	ASTM D792-00
Haze	%	0.7(0.3mm)	0.7(0.3mm)	0.8(0.3mm)	2.0(0.3mm)	2.0(0.3mm)	2.0(0.3mm)	ASTM D1003
Total Light Transmittance	%	92(0.3mm)	91(0.3mm)	91(0.3mm)	89(0.3mm)	89(0.3mm)	89(0.3mm)	
Tensile Strength @ Yield	Kg/cm ²	>450	>450	>450	>450	>450	>450	ASTM D638-03
MD	Kg/cm ²	>450	>450	>450	>450	>450	>450	
TD	Kg/cm ²	>450	>450	>450	>450	>450	>450	
Tensile Mod of AutYoung	Kg/cm ²	>17,000	>17,000	>17,000	>17,000	>17,000	>17,000	ASTM D638-03
MD	Kg/cm ²	>17,000	>17,000	>17,000	>17,000	>17,000	>17,000	
TD	Kg/cm ²	>17,000	>17,000	>17,000	>17,000	>17,000	>17,000	
Elongation @ Yield	%	>3.0	>3.0	>3.0	>3.0	>3.0	>3.0	
MD	%	>3.0	>3.0	>3.0	>3.0	>3.0	>3.0	
TD	%	>3.0	>3.0	>3.0	>3.0	>3.0	>3.0	
Dart Impact	g/mm	>1,600	>1,600	>1,600	>1,600	>1,600	>1,600	
Load Cell (15KN)								
Thermal Glass Transition Temperature	(°C)	68	68	68	68	68	68	
Crystal Temperature	(°C)	125	125	125	125	125	125	
Melting Temperature	(°C)	248	248	248	248	248	248	
Recrystal Temperature	(°C)	181	181	181	181	181	181	
Anti-Static Resistivity	(Ω)							10 ⁹ -
Resistivity, Surface (Humidity - 50% and 25C)								
Dyne Surface			38-40					



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PARC Recycled Resins

1415 Enterprise Drive | Romeoville, IL 60446 | Ph: 815-372-3500 | www.parcusa.com

Data Information Sheet Typical Properties of LDPE Recycled Resin

Recycled Resin Description:

Low Density Polyethylene (LDPE) recycled resin is derived from very clean post-industrial recycled materials. Material is fully recycled, compounded and filtered using a very fine mesh screen. This material is for blown film applications.

Property	Unit	Typical Value	Spec Range	Test Method
Melt Index	g/10min	1.9	1.0 – 2.5 g/10min	ASTM D1238
Density	g/cm ³	0.932	0.910 – 0.935 g/cm ³	ASTM D792
Dart Impact	gm	90	N/A	ASTM D1709
DSC Melting Point	degC	116degC	115 – 135degC	ASTM D3418

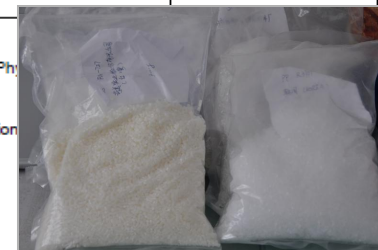
Certificate of Conformance

A Certificate of Conformance containing lot data for this material shipment if required.

Packaging

Each container will be labeled with the following information

1. PARC Address
2. Date
3. PARC Lot# and Container#
4. Material Description
5. Tare Weight
6. Gross Weight



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PARC China: Fertigprodukte fortgesetzt...



Examine Report

Serial Number	Test Item	Unit	Test Standard	Result
1	Melt Index	g/10min	GB/T3682-2000	5.689
2	Tensile Strength	Mpa	GB/T1040-2006	17.16
3	Breaking Elongation	%	GB/T1040-2006	45.83
4	Izod impact strength	MPa	GB/T1843-1996	46.13



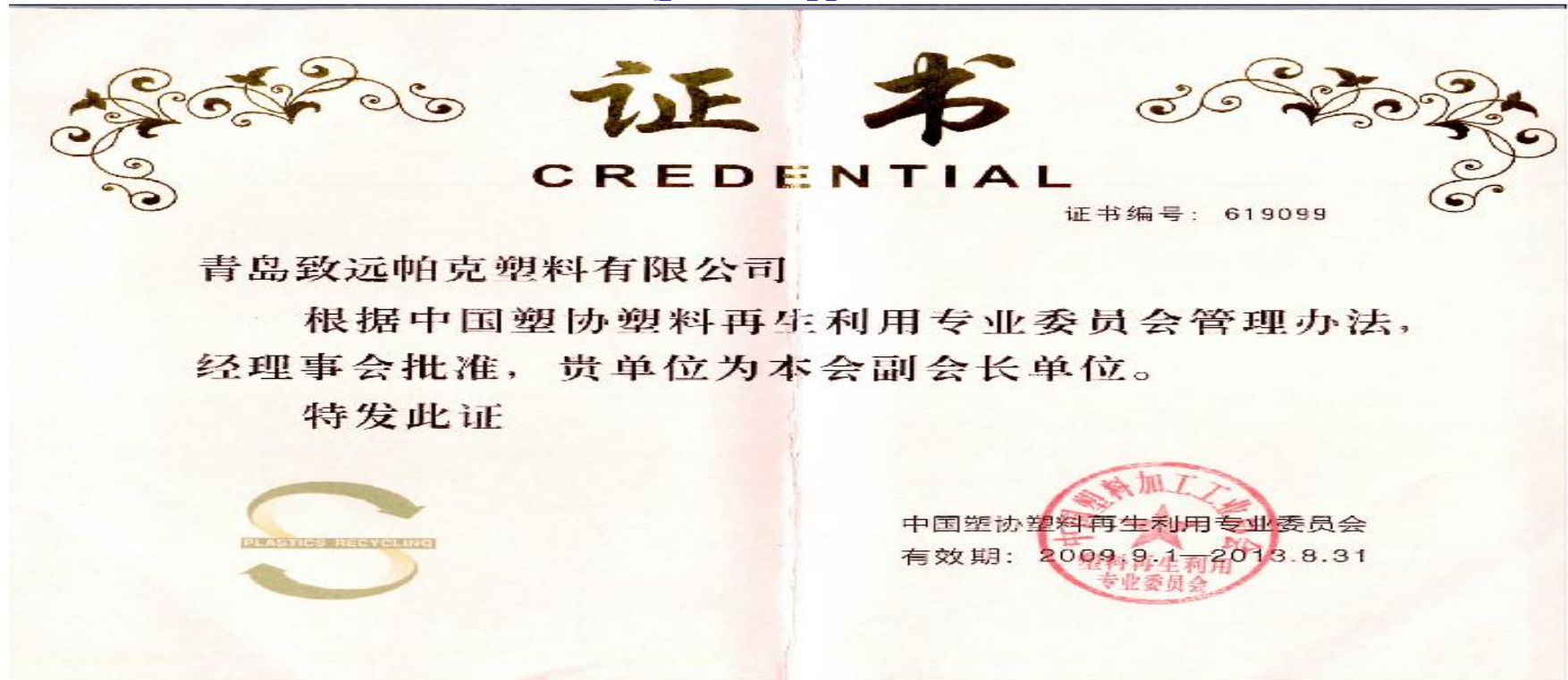
PE Cable Pellet



Sample Name	10KV Black Weather-Ability with Empty Space PE Insulating Compound		MDPE PVC Cable Sheathing Compound		Optical Cable Sheathing Compound	
Executive Standard	GB15065-94		GB15065-94		GB15065-94	
Test Item	Unit	Test Result	Unit	Test Result	Unit	Test Result
Density	g/cm ³	0.94	g/cm ³	0.946	g/cm ³	0.946
MFR	g/10min	1.15	g/10min	0.8	g/10min	0.8
Tensile Strength	Mpa	18.5	Mpa	22	Mpa	22
Breaking elongation	%	605	%	730	%	730
Dielectric constant		2.32		2.32		2.32
20°C Volume resistivity	Ω·m	1.4×10 ¹¹	Ω·m	1.4×10 ¹¹	Ω·m	1.4×10 ¹¹
Dielectric strength 20°C	MV/m	33	MV/m	38	MV/m	38
ESCR	h	PASS	h	500	h	500
Impact Str. At low Temp.	°C	PASS	°C	PASS	°C	PASS

Kathy: Vize Präsident von der China Plastics Processing Industry Association (CPPIA)

**CPPIA: Regierungs-anerkannte Organization in
China für Plastik Recycling.**



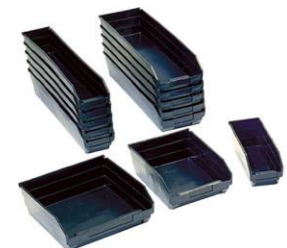
Kathy wurde auch als Repräsentant zur Qingdao Stadt ernannt (2012)





Regeneriertes, Recycled Material Vertrieb

- PARC China
Verdichtet, compoundiert, re-
granuliert
- Plastik Bauholz
- Plastikfolie
- Plastic Farbdosen
- Plastic Lager Behälter
- Plastic Röhre
- Faser Hersteller



Strategische, Geschäftliche Partnerschaft

Partner with national venues in E-scrap recycling



Recyclable Materiale #1



Filled PP & TPO Resin
Off-Spec PVC Resin



Off-Spec Talc PP
HIPS Regrind



PET Flakes
Aged Inventory



Recyclable Materiale Handling #2



Mixed Toy Bales
Sprues and Runners



Mixed HD/PP Bales
ABS Parts



Computer/Appliance Bales
Mixed Engr. Auto Parts



Recyclable Materiale Handling #3



PP Supersacks
P-I Mixed Printed Rolls



LD Trim and Loose Wrap
LD/Nylon Rolls



LDPE Film Bales
LD P-I Printed Rolls



Recyclable Materiale Handling #4



Chopped PET
PE/PP P-I Bottles



HDPE Milk Crates
PET Trays



HDPE 5-Gal Buckets
Aged Roll-Stock



Recyclable Materiale Handling #5



Clear/Natural PET Purge
Green PET Purge



Engineering Mixed Purge
LDPE N/C Purge



LDPE Startup Logs
PET Fines



Recyclable Materiale Handling #6



HDPE Z-Bale

#1 & #2 Good Commingle



P-C PET Bottles

442 Bottle Bales



HDPE N/C Milk Jugs

HDPE M/C Bales





Recycling Gelegenheiten

Neue Geschäfts-Gelegenheiten für Voll-Kreislauf Recycling mit PARC:

Wir Kaufen Scrap-Materiale, und verkaufen das wiederverarbeitet Granulat zurück zum originalen Hersteller

Maximieren Sie den Wert mit hochwertigen Materialien durch Recycling mit PARC.

- **Resin, Regrind, and Reproduce**
- **PARC als ein neuer Großhändler und langfristiger Recycling-Partner für Inland und Export Möglichkeiten**
- **PARC verkauft Fracht von verschiedenen Plastik-Typen von weltweiten Standorten und beteiligt sich an Sales and Operations Planning**



Lass Uns für die Umwelt zusammenarbeiten!

PARC Kontakt:

Tel: 815-372-3500

Email: sales@parcusa.com



Vielen Dank für Ihre Zeit



415 Enterprise Drive, Romeoville, IL 60446. Contact: sales@parcusa.com/ 815.372.3500