

No attempt has been made to rank the information contained in this report in order of importance, since BPA Worldwide believes this is a judgment, which must be made by the user of the report.

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**About BPA Worldwide**

A not-for-profit organization since 1931 and headquartered in Shelton, CT, USA, BPA has the largest membership of any media-auditing organization in the world, spanning more than 30 countries. The organization conducts 2,600+ audits for media brands in print, online/digital and live events. Additionally, under the iCompli brand, BPA documents compliance to defined standards including data protection, provides assurance of sustainability reporting, and verifies technology, service and privacy claims. BPA is supported by 2,700 advertiser and agency members.

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Official Publication of: None  
Established: 1995  
Issues Per Year: 6

**FIELD SERVED**

COMPOSITES TECHNOLOGY serves the following fields: fabrication/manufacturing of composites products; OEM/end use of composites structures or components; manufacturing of composites processing machinery/supplies; composites repair facilities; composites tooling/tooling materials manufacturing; composite material manufacturing/converter/supplier/distributor; government (including DOT, state, municipality, DOD, NASA, etc.); civil engineering/construction firms; educational/research/testing facilities; and other fields related to the composites industry.

**DEFINITION OF RECIPIENT QUALIFICATION**

Qualified recipients are personnel in general/corporate management, manufacturing production and engineering, design, quality control/assurance, R&D, purchasing, and other titled and non-titled personnel, including company copies.

AVERAGE NON-QUALIFIED CIRCULATION	
NON-QUALIFIED Not Included Elsewhere	Copies
Other Paid Circulation _____	16
Advertiser and Agency _____	835
Rotated or Occasional _____	-
Allocated for Trade Shows and Conventions _____	483
Digital _____	-
All Other _____	794
<b>TOTAL</b>	<b>2,128</b>

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	22,803	100.0	22,803	100.0	-	-
Sponsored Individually Addressed _____	-	-	-	-	-	-
Membership Benefit _____	-	-	-	-	-	-
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>22,803</b>	<b>100.0</b>	<b>22,803</b>	<b>100.0</b>	-	-

2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD					
2012 Issue	Number Removed	Number Added	Print (A)	Digital (B)	Total Qualified
August _____	164	864	19,203	3,337	22,540
October _____	364	383	19,176	3,384	22,560
December _____	3,312	3,983	20,037	3,273	23,310
<b>TOTAL</b>	<b>3,840</b>	<b>5,230</b>			

**3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE DECEMBER 2012**

This issue is 3.4% or 760 copies above the average of the other 2 issues reported in Paragraph two.

BUSINESS/INDUSTRY	TOTAL QUALIFIED	PERCENT OF TOTAL	Print (A)	Digital (B)	CLASSIFICATION BY FUNCTION					
					Corporate/ Company Management (B)	Mfg Production & Engineering (C,D,E,F,G,R,S)	Design, R&D, Q/A, Q/C (H,I,J,P,Q)	Purchasing (L)	Sales & Marketing	Other Qual. N.E.C. (N)
Fabricator/ Manufacturer of Composites Products _____	8,938	38.3	7,851	1,087	3,587	3,682	977	185	342	165
OEM/End User of Composites Structures or Component_____	2,753	11.8	2,490	263	546	1,535	440	70	51	111
MFG of Composites Processing Machinery/Supplies_____	1,164	5.0	1,078	86	405	471	97	19	136	36
Composites Repair Facility_____	340	1.5	251	89	136	145	23	-	2	34
Composites Tooling/Tooling Materials Manufacturer_____	702	3.0	630	72	287	274	72	6	36	27
Composite Material Manufacturer/Converter/Supplier _____	1,423	6.1	1,092	331	437	314	250	18	296	108
Government (Inc. DOT, State, Municipality, DOD, NASA, Etc.) _	963	4.1	898	65	89	559	167	-	9	139
Civil Engineering/ Construction Firm _____	1,227	5.3	1,180	47	375	564	174	3	4	107
Educational/Research/Testing Facility _____	1,053	4.5	565	488	342	258	175	3	10	265
Product design/prototyping/consulting firm _____	2,471	10.6	2,002	469	890	843	412	7	47	272
Other _____	2,276	9.8	2,000	276	801	1,035	229	15	85	111
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>23,310</b>	<b>100.0</b>	<b>20,037</b>	<b>3,273</b>	<b>7,895</b>	<b>9,680</b>	<b>3,016</b>	<b>326</b>	<b>1,018</b>	<b>1,375</b>
<b>PERCENT</b>	<b>100.0</b>		<b>86.0</b>	<b>14.0</b>	<b>33.9</b>	<b>41.5</b>	<b>12.9</b>	<b>1.4</b>	<b>4.4</b>	<b>5.9</b>

(B) CORPORATE EXECUTIVE titles include Chairman, General Manager, Owner, Partner, President and Vice President.

(C) MANUFACTURING PRODUCTION MANAGEMENT titles include Plastics Coordinator, Plastics Director, Plastics Manager, Advanced Mfg Director, and other qualified titles.

(D) MANUFACTURING PRODUCTION DEPARTMENT titles include Plastics Group Leader, Injection Molding Foreman, Department Supervisor, Mfg Supervisor, Production Supervisor and other qual titles.

(E) MANUFACTURING ENGINEERING MANAGEMENT titles include Chief Tool Engineer, Chief of Manufacturing Development, Director of Production Engineering, Plastics Engineer and other qual titles

(F) MANUFACTURING ENGINEERING (ENGINEERS) include most engineering titles where the individual does not manage the department.

(G) MANUFACTURING (OTHER MANUFACTURING PERSONNEL) titles include Diemaker, Mold maker, Machine Operator and other qual titles.

(R) FACTORY AUTOMATION MANAGEMENT titles include Factory Automation Manager, Chief Factory Automation Engineer, Manager of Systems Design and Chief Systems Engineer.

(S) FACTORY AUTOMATION ENGINEERS titles include Factory Automation Engineer, Automation Foreman, Systems Designer and Systems Engineer.

(H) PRODUCT DESIGN, RESEARCH AND DEVELOPMENT MANAGEMENT titles include Director of Design Engineering, Chief Draftsman, Manager of Product Engineering, Director of Research and other titles.

(I) PRODUCT DESIGN, RESEARCH AND DEVELOPMENT ENGINEERS titles include Design Project Engineer, Development Engineer, Research &amp; Design Engineer and other titles.

(J) PRODUCT DESIGN, RESEARCH AND DEVELOPMENT (OTHER DESIGN PERSONNEL) titles include Designer, Parts Designer, Draftsman and other qual titles.

(P) QUALITY ASSURANCE/CONTROL MANAGEMENT titles include Quality Assurance Manager, Quality Control Director, Chief of Quality Engineering, and other titles.

(Q) QUALITY ASSURANCE/CONTROL ENGINEERS titles include Quality Assurance Engineer, Quality Control Foreman, Quality Supervisor and other titles.

(L) PURCHASING titles include Buyer, Procurement Chief, Purchasing Manager and other qual titles.

(N) Other NEC includes titles not elsewhere classified.

3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF DECEMBER 2012							
QUALIFICATION SOURCE	Qualified Within			Print (A)	Digital (B)	Total Qualified	Percent
	1 Year	2 Years	3 Years				
I. Direct Request: _____	16,278	3,966	-	16,971	3,273	20,244	86.9
II. Request from recipient's company: _____	283	-	-	283	-	283	1.2
III. Membership Benefit: _____	-	-	-	-	-	-	-
IV. Communication from recipient or recipient's company (other than request): _____	24	-	-	24	-	24	0.1
V. <b>TOTAL</b> - Sources other than above (listed alphabetically): _____	2,759	-	-	2,759	-	2,759	11.8
Association rosters and directories _____	-	-	-	-	-	-	-
Business directories _____	-	-	-	-	-	-	-
Manufacturer's, distributor's, and wholesaler's lists _____	-	-	-	-	-	-	-
*Other sources _____	2,759	-	-	2,759	-	2,759	11.8
VI. Single Copy Sales: _____	-	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>19,344</b>	<b>3,966</b>	<b>-</b>	<b>20,037</b>	<b>3,273</b>	<b>23,310</b>	<b>100.0</b>
<b>PERCENT</b>	<b>83.0</b>	<b>17.0</b>	<b>-</b>	<b>86.0</b>	<b>14.0</b>	<b>100.0</b>	

\*See Additional Data

3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF DECEMBER 2012				
MAILING ADDRESS	Print (A)	Digital (B)	Total Qualified	Percent
Individuals by name and title and/or function _____	20,037	3,273	23,310	100.0
Individuals by name only _____	-	-	-	-
Titles or functions only _____	-	-	-	-
Company names only _____	-	-	-	-
Multi-Copy Same Addressee copies _____	-	-	-	-
Single Copy Sales _____	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>20,037</b>	<b>3,273</b>	<b>23,310</b>	<b>100.0</b>

4. GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF DECEMBER 2012									
State	Print (A)	Digital (B)	Total Qualified	Percent	State	Print (A)	Digital (B)	Total Qualified	Percent
Maine _____	132	-	132		Kentucky _____	182	-	182	
New Hampshire _____	132	-	132		Tennessee _____	342	-	342	
Vermont _____	88	-	88		Alabama _____	245	-	245	
Massachusetts _____	535	-	535		Mississippi _____	85	-	85	
Rhode Island _____	111	-	111		<b>EAST SO. CENTRAL</b>	<b>854</b>	<b>-</b>	<b>854</b>	<b>3.7</b>
Connecticut _____	377	-	377		Arkansas _____	101	-	101	
<b>NEW ENGLAND</b>	<b>1,375</b>	<b>-</b>	<b>1,375</b>	<b>5.9</b>	Louisiana _____	121	-	121	
New York _____	807	-	807		Oklahoma _____	154	-	154	
New Jersey _____	358	-	358		Texas _____	1,129	-	1,129	
Pennsylvania _____	987	-	987		<b>WEST SO. CENTRAL</b>	<b>1,505</b>	<b>-</b>	<b>1,505</b>	<b>6.5</b>
<b>MIDDLE ATLANTIC</b>	<b>2,152</b>	<b>-</b>	<b>2,152</b>	<b>9.2</b>	Montana _____	49	-	49	
Ohio _____	1,428	-	1,428		Idaho _____	83	-	83	
Indiana _____	634	-	634		Wyoming _____	20	-	20	
Illinois _____	871	-	871		Colorado _____	242	-	242	
Michigan _____	1,174	-	1,174		New Mexico _____	72	-	72	
Wisconsin _____	694	-	694		Arizona _____	316	-	316	
<b>EAST NO. CENTRAL</b>	<b>4,801</b>	<b>-</b>	<b>4,801</b>	<b>20.6</b>	Utah _____	243	-	243	
Minnesota _____	570	-	570		Nevada _____	94	-	94	
Iowa _____	216	-	216		<b>MOUNTAIN</b>	<b>1,119</b>	<b>-</b>	<b>1,119</b>	<b>4.8</b>
Missouri _____	485	-	485		Alaska _____	21	-	21	
North Dakota _____	43	-	43		Washington _____	594	-	594	
South Dakota _____	50	-	50		Oregon _____	213	-	213	
Nebraska _____	148	-	148		California _____	2,090	-	2,090	
Kansas _____	353	-	353		Hawaii _____	16	-	16	
<b>WEST NO. CENTRAL</b>	<b>1,865</b>	<b>-</b>	<b>1,865</b>	<b>8.0</b>	<b>PACIFIC</b>	<b>2,934</b>	<b>-</b>	<b>2,934</b>	<b>12.6</b>
Delaware _____	67	-	67		<b>UNITED STATES</b>	<b>19,369</b>	<b>-</b>	<b>19,369</b>	<b>83.1</b>
Maryland _____	279	-	279		U.S. Territories _____	20	-	20	
Washington, DC _____	27	-	27		Canada _____	617	-	617	
Virginia _____	355	-	355		Mexico _____	31	-	31	
West Virginia _____	74	-	74		Other International _____	-	3,273	3,273	
North Carolina _____	537	-	537		AP0/FPO _____	-	-	-	
South Carolina _____	315	-	315		<b>TOTAL QUALIFIED CIRCULATION</b>	<b>20,037</b>	<b>3,273</b>	<b>23,310</b>	<b>100.0</b>
Georgia _____	347	-	347						
Florida _____	763	-	763						
<b>SOUTH ATLANTIC</b>	<b>2,764</b>	<b>-</b>	<b>2,764</b>	<b>11.8</b>					

**4. GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF DECEMBER 2012**

Region/Country	Print (A)	Digital (B)	Total Qualified	Percent	Region/Country	Print (A)	Digital (B)	Total Qualified	Percent
<b>ASIA</b>					Netherlands _____	-	120	120	
Cambodia _____	-	1	1		Norway _____	-	29	29	
China _____	-	85	85		Poland _____	-	20	20	
Hong Kong - SAR _____	-	14	14		Portugal _____	-	32	32	
India _____	-	259	259		Romania _____	-	10	10	
Indonesia _____	-	20	20		Russian Federation _____	-	28	28	
Japan _____	-	82	82		Slovenia _____	-	13	13	
Korea, Republic Of _____	-	29	29		Spain _____	-	167	167	
Malaysia _____	-	40	40		Sweden _____	-	44	44	
Pakistan _____	-	17	17		Switzerland _____	-	52	52	
Philippines _____	-	5	5		Turkey _____	-	106	106	
Singapore _____	-	40	40		Ukraine _____	-	5	5	
Taiwan _____	-	56	56		United Kingdom _____	-	465	465	
Thailand _____	-	31	31		<b>Subtotal</b>	-	1,998	1,998	8.6
Vietnam _____	-	3	3		<b>AFRICA</b>				
<b>Subtotal</b>	-	682	682	2.9	Algeria _____	-	1	1	
<b>MIDDLE EAST</b>					Egypt _____	-	9	9	
Bahrain _____	-	6	6		Ethiopia _____	-	1	1	
Iran _____	-	21	21		Kenya _____	-	2	2	
Iraq _____	-	2	2		Nigeria _____	-	10	10	
Israel _____	-	44	44		South Africa _____	-	44	44	
Jordan _____	-	1	1		Tunisia _____	-	3	3	
Kuwait _____	-	3	3		<b>Subtotal</b>	-	70	70	0.3
Oman _____	-	1	1		<b>NORTH AMERICA</b>				
Qatar _____	-	2	2		Canada _____	617	-	617	
Saudi Arabia _____	-	22	22		Mexico _____	31	-	31	
United Arab Emirates _____	-	17	17		United States _____	19,389	-	19,389	
<b>Subtotal</b>	-	119	119	0.5	<b>Subtotal</b>	20,037	-	20,037	86.0
<b>EUROPE</b>					<b>CARIBBEAN</b>				
Austria _____	-	30	30		Jamaica _____	-	1	1	
Belarus _____	-	2	2		Netherlands Antilles _____	-	5	5	
Belgium _____	-	83	83		Trinidad and Tobago _____	-	2	2	
Bosnia and Herzegovina _____	-	6	6		<b>Subtotal</b>	-	8	8	-
Bulgaria _____	-	4	4		<b>CENTRAL AMERICA</b>				
Croatia _____	-	10	10		Costa Rica _____	-	2	2	
Czech Republic _____	-	33	33		Guatemala _____	-	2	2	
Denmark _____	-	31	31		<b>Subtotal</b>	-	4	4	-
Estonia _____	-	5	5		<b>SOUTH AMERICA</b>				
Finland _____	-	42	42		Argentina _____	-	36	36	
France _____	-	180	180		Brazil _____	-	73	73	
Germany _____	-	248	248		Chile _____	-	9	9	
Greece _____	-	20	20		Colombia _____	-	32	32	
Hungary _____	-	4	4		Ecuador _____	-	4	4	
Iceland _____	-	1	1		Paraguay _____	-	1	1	
Ireland _____	-	39	39		Peru _____	-	12	12	
Italy _____	-	147	147		Venezuela _____	-	1	1	
Latvia _____	-	1	1		<b>Subtotal</b>	-	168	168	0.7
Lithuania _____	-	3	3		<b>ASIA PACIFIC</b>				
Luxembourg _____	-	12	12		Australia _____	-	153	153	
Macedonia _____	-	4	4		New Zealand _____	-	71	71	
Malta _____	-	1	1		<b>Subtotal</b>	-	224	224	1.0
Monaco _____	-	1	1		<b>TOTAL QUALIFIED CIRCULATION</b>	<b>20,037</b>	<b>3,273</b>	<b>23,310</b>	<b>100.0</b>

**ADDITIONAL DATA**

**METHOD OF DISTRIBUTION:**

All qualified circulation conforms to the field served and definition of recipient qualification, as reported. Print copies are distributed via postal services or other carriers. Recipients of the digital version are notified via email when the version is available.

**STATEMENT OF CONTENT PLATFORM:**

Replica Plus – If a print edition exists, “plus” is editorial that is retained from the original edition and is redesigned and/or supplemented. Each issue’s content is primarily taken (but not necessarily replicated in its entirety) from the original edition (whether in print or digital). Apart from minor updates, the content cannot change once the issue is made available.

**CHANGE IN COMPANY NAME:**

Effective March 28, 2012, Gardner Publications changed its name to Gardner Business Media, Inc.

**PARAGRAPH 3b:**

Other sources include 5 sources of circulation for quantities of 204 copies or 0.9% to 1,215 copies or 5.2%.

<b>AVERAGE ANNUAL AUDITED QUALIFIED CIRCULATION AND CURRENT UNAUDITED CIRCULATION STATEMENTS</b>						
6-Month Period Ended:	Audited Data	Audited Data	Audited Data	Audited Data	Circulation Claim	Circulation Claim
	January - June 2010	July - December 2010	January - June 2011	July - December 2011	January - June 2012*	July - December 2012*
Total Audit Average Qualified _____	19,999	20,268	19,932	20,546	21,176	22,803
Qualified Non-Paid Total _	19,999	20,268	19,932	20,546	21,176	22,803
Print _____	17,936	17,722	17,156	17,654	18,490	19,472
Digital _____	2,063	2,546	2,776	2,892	2,686	3,331
Qualified Paid Total _____	-	-	-	-	-	-
Print _____	-	-	-	-	-	-
Digital _____	-	-	-	-	-	-
Post Expire Copies included in Total Qualified Circulation _____	**NC	**NC	**NC	**NC	**NC	**NC
Average Annual Order Price _____	**NC	**NC	**NC	**NC	**NC	**NC

\*Note: January - December 2012 is unaudited. With each successive period, new data will be added until six 6-month periods are displayed.  
 \*\*NC = None Claimed.

<b>1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD - PRINT</b>						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	19,472	100.0	19,472	100.0	-	-
Sponsored Individually Addressed __	-	-	-	-	-	-
Membership Benefit _____	-	-	-	-	-	-
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>19,472</b>	<b>100.0</b>	<b>19,472</b>	<b>100.0</b>	-	-

<b>1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD - DIGITAL</b>						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	3,331	100.0	3,331	100.0	-	-
Sponsored Individually Addressed __	-	-	-	-	-	-
Membership Benefit _____	-	-	-	-	-	-
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>3,331</b>	<b>100.0</b>	<b>3,331</b>	<b>100.0</b>	-	-

<b>PUBLISHER'S AFFIDAVIT</b>		
We hereby make oath and testify that all data set forth in this statement are true.	Date signed	January 11, 2013
Richard G. Kline, Jr., Publisher	State	Ohio
P. Ross Jacobs, Corporate Circulation Director	County	Hamilton
(At least one of the above signatures must be that of an officer of the publishing company or its authorized representative.)	Received by BPA Worldwide	January 11, 2013
<b>IMPORTANT NOTE:</b>	Type	PD
This unaudited circulation statement has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.	ID Number	C391POD2