

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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COMPOSITESWORLD is a business-to-business media brand that produces a monthly print magazine, digital media, research and live events for the global composites market. Composites World's editorial team and expert contributors produce information on new product technology, operational best practices, market intelligence and industry news.

BRAND REPORT PURPOSE

The Brand Report provides a deeper understanding and identification of all audited touch points with customers that have interest in the brand. It is designed to present analysis of all communication channels, including a brand's unique users within each channel of, but not across, multiple media platforms. This non-integrated report contains data for each separate media channel as indicated in the Executive Summary. No attempt has been made to identify or eliminate duplication that may exist across media channels.

CHANNELS

COMPOSITESWORLD MAGAZINE



6 issues in the period
32,824 average circulation

COMPOSITESWORLD E-NEWSLETTERS



2 E-Newsletters in the period
39 total issued in the period
31,999 average per occurrence
32,181 average per occurrence

COMPOSITESWORLD WEBSITE



107,856 average users

EXECUTIVE SUMMARY

Below are the average contacts per occurrence, including frequency per period reported

	Non-Paid	Paid	Average
COMPOSITESWORLD MAGAZINE (6 issues in the period)	32,824	-	32,824
a. Print	27,616	-	27,616
b. Digital	5,208	-	5,208
1. Requested	5,208	-	5,208
2. Non-Requested	-	-	-
COMPOSITESWORLD E-NEWSLETTERS			
a. CompositesWorld Weekly (26 issued in the period)	31,999	-	31,999
b. CompositesWorld Extra (13 issued in the period)	32,181	-	32,181
COMPOSITESWORLD WEBSITE (Monthly Users with 276,981 average Pageviews)	107,856	-	107,856

FIELD SERVED

COMPOSITESWORLD serves the following fields: fabrication/manufacturing of composites products; OEM/end use of composite 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 NASA, DOT, state, municipality, DOD etc.); civil engineering/construction firms; educational/research/testing facilities; and other fields related to the composites industry.

DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients include corporate executives as well as company management, manufacturing production, manufacturing engineering, quality assurance and quality control, product design and research & development engineering, purchasing, sales, company copies and other qualified personnel.

AVERAGE NON-QUALIFIED CIRCULATION

Non-Qualified Not Included Elsewhere	Copies
Other Paid Circulation	24
Advertiser and Agency	1,083
Allocated for Trade Shows and Conventions	308
All Other	717
TOTAL	2,132

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR THE PERIOD

Qualified Circulation	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual Sponsored	32,824	100.0	32,824	100.0	-	-
Individually Addressed	-	-	-	-	-	-
Membership Benefit	-	-	-	-	-	-
Multi-Copy Same Addressee	-	-	-	-	-	-
Single Copy Sales	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	32,824	100.0	32,824	100.0	-	-

2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD

2018 Issue	Print	Digital	Total Qualified
January	27,655	5,194	32,849
February	27,594	5,207	32,801
March	27,438	5,203	32,641
April	27,413	5,183	32,596
May	27,665	5,218	32,883
June	27,934	5,240	33,174

3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2018
 This issue is 0.2% or 71 copies above the average of the other 5 issues reported in Paragraph 2.

Business/Industry	Total Qualified	Percent of Total	Classification by Function						
			Company Management (B)	Manufacturing Production/Engineering (C,D,G,E,V,F,T,R,S)	Product Design/R&D; Quality Assurance/Control (H,I,J,P,Q)	Purchasing (L)	Sales & Marketing (X,Z)	Educational or Government (N)	Other Qualified Titles, N.E.C. (A,U)
Fabricator/Manufacturer of Composites Products	12,984	39.5	6,229	4,531	1,379	243	512	8	82
OEM/End User of Composites Structures or Component	3,869	11.8	1,163	1,878	599	110	72	7	40
MFG of Composites Processing Machinery/Supplies	906	2.8	350	347	82	14	107	1	5
Composites Repair Facility	440	1.3	230	158	28	5	14	2	3
Composites Tooling/Tooling Materials Manufacturer	984	3.0	431	373	83	8	80	4	5
Composite Material Manufacturer/Converter/Supplier/Distributor	4,704	14.3	1,996	1,676	497	70	409	11	45
Government (Inc. DOT, State, Municipality, DOD, NASA, Etc.)	1,093	3.3	81	795	130	2	3	67	15
Civil Engineering/ Construction Firm	899	2.7	332	435	95	5	21	5	6
Educational/Research/Testing Facility	1,497	4.6	204	366	328	8	34	522	35
Product design/prototyping/consulting firm	3,325	10.1	1,268	1,281	603	13	111	12	37
Other	2,182	6.6	979	635	247	17	226	26	52
TOTAL QUALIFIED CIRCULATION	32,883	100.0	13,263	12,475	4,071	495	1,589	665	325
PERCENT	100.0		40.3	38.0	12.4	1.5	4.8	2.0	1.0

- (B) COMPANY MANAGEMENT:** titles include Chairman, General Manager, Owner, President, Vice President and related titles.
- (C,D,G,E,V,F,T,R,S) MANUFACTURING PRODUCTION/ENGINEERING:** titles include Mold Coordinator, Mold Design Mgr, Advanced Mfg Director, Mold Dept Supv, Mfg Supervisor, Diemaker, Mold Maker, Machine Operator, Engr Mgr, Chief Engineer, Engr Dept Mgr, Plant Engineer, Process Engineer, Mfg Engineer, Factory Automation Mgr, Systems Design Mgr, Factory Automation Engr, Automn Foreman, CNC Programmer, Systems Engineer and related titles.
- (H,I,J,P,Q) PRODUCT DESIGN/R&D; QUALITY ASSURANCE/CONTROL:** titles include Design Engr Dir, R&D Director, Design Engineer, Development Engineer, R&D Engineer, Draftsman, Q/A Manager, Q/C Director, Q/C Foreman, Quality Supervisor and related titles.
- (L) PURCHASING:** titles include Purch Director, Sr Buyer, Purch Manager and related titles.
- (X,Z) SALES & MARKETING:** titles include Regional Sales Director, National Sales Director, National Accounts Manager, Marketing Director, PR Director and other and related titles.
- (N) EDUCATIONAL or GOVERNMENT:** titles include Professor, Instructor and other Educational titles.
- (A,U) OTHER QUALIFIED TITLES, N.E.C.:** includes title not elsewhere classified.

3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2018

Qualification Source	Qualified Within			Print	Digital	Total Qualified	Percent
	1 Year	2 Years	3 Years				
I. Direct Request:	20,857	7,103	-	22,742	5,218	27,960	85.0
II. Request from recipient's company:	-	-	-	-	-	-	-
III. Membership Benefit:	-	-	-	-	-	-	-
IV. Communication from recipient or recipient's company (other than request):	368	-	-	368	-	368	1.1
V. TOTAL – Sources other than above (listed alphabetically):	4,555	-	-	4,555	-	4,555	13.9
Association rosters and directories	-	-	-	-	-	-	-
*Business directories	4,548	-	-	4,548	-	4,548	13.9
Manufacturer's, distributor's, and wholesaler's lists	-	-	-	-	-	-	-
*Other sources	7	-	-	7	-	7	-
VI. Single Copy Sales:	-	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	25,780	7,103	-	27,665	5,218	32,883	100.0
PERCENT	78.4	21.6	-	84.1	15.9	100.0	

*See Additional Data

AVERAGE ANNUAL AUDITED QUALIFIED CIRCULATION AND CURRENT UNAUDITED CIRCULATION STATEMENTS

6-Month Period Ended:	Audited Data	Audited Data	Audited Data	Audited Data	Audited Data	Circulation Claim
	July – December 2015	January – June 2016	July – December 2016	January – June 2017	July – December 2017	January – June 2018*
Total Audit Average Qualified:	33,104	32,177	33,262	32,694	33,247	32,824
Qualified Non-Paid:	33,104	32,177	33,262	32,694	33,247	32,824
Print:	27,943	27,843	28,148	27,802	27,891	27,616
Digital:	5,161	4,334	5,114	4,892	5,356	5,208
Qualified Paid:	-	-	-	-	-	-
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 – June 2018 data is unaudited. With each successive period, new data will be added until six 6-month periods are displayed.

**NC = None Claimed.

GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2018*

Region/Country	Print	Digital	Total Qualified	Percent	Region/Country	Print	Digital	Total Qualified	Percent
ASIA					Serbia				
Azerbaijan	-	1	1		Slovakia	-	6	6	
Bangladesh	-	2	2		Slovenia	-	14	14	
China	-	139	139		Spain	-	271	271	
Hong Kong - SAR	-	21	21		Sweden	-	83	83	
India	-	512	512		Switzerland	-	92	92	
Indonesia	-	20	20		Turkey	-	144	144	
Japan	-	108	108		Ukraine	-	20	20	
Korea, Republic Of	-	74	74		United Kingdom	-	819	819	
Malaysia	-	39	39		Subtotal	-	3,214	3,214	9.8
Pakistan	-	23	23		AFRICA				
Philippines	-	17	17		Algeria	-	2	2	
Singapore	-	70	70		Cote D'Ivoire	-	1	1	
Sri Lanka	-	10	10		Egypt	-	8	8	
Taiwan	-	104	104		Ghana	-	3	3	
Thailand	-	38	38		Kenya	-	5	5	
Vietnam	-	10	10		Madagascar	-	1	1	
Subtotal	-	1,188	1,188	3.6	Mauritius	-	2	2	
MIDDLE EAST					Morocco	-	2	2	
Bahrain	-	3	3		Nigeria	-	5	5	
Iran	-	1	1		South Africa	-	81	81	
Iraq	-	5	5		Tunisia	-	7	7	
Israel	-	52	52		Subtotal	-	117	117	0.3
Kuwait	-	4	4		NORTH AMERICA				
Lebanon	-	1	1		Canada	1,459	-	1,459	
Oman	-	4	4		Mexico	100	-	100	
Qatar	-	4	4		United States	26,080	-	26,080	
Saudi Arabia	-	23	23		Subtotal	27,639	-	27,639	84.1
United Arab Emirates	-	33	33		CARIBBEAN				
Subtotal	-	130	130	0.4	Bahamas	-	1	1	
EUROPE					Dominican Republic	-	1	1	
Austria	-	59	59		Haiti	-	1	1	
Belarus	-	1	1		Jamaica	-	1	1	
Belgium	-	104	104		Puerto Rico	25	-	25	
Bosnia and Herzegovina	-	1	1		Trinidad and Tobago	-	1	1	
Bulgaria	-	8	8		Turks and Caicos Islands	-	1	1	
Croatia	-	8	8		Virgin Islands, U.S.	1	-	1	
Cyprus	-	1	1		Subtotal	26	6	32	0.1
Czech Republic	-	35	35		CENTRAL AMERICA				
Denmark	-	33	33		Costa Rica	-	5	5	
Estonia	-	5	5		El Salvador	-	1	1	
Finland	-	53	53		Guatemala	-	3	3	
France	-	295	295		Subtotal	-	9	9	-
Germany	-	384	384		SOUTH AMERICA				
Greece	-	33	33		Argentina	-	49	49	
Hungary	-	19	19		Bolivia	-	1	1	
Iceland	-	2	2		Brazil	-	122	122	
Ireland	-	37	37		Chile	-	18	18	
Italy	-	223	223		Colombia	-	42	42	
Latvia	-	3	3		Ecuador	-	7	7	
Liechtenstein	-	1	1		Paraguay	-	1	1	
Lithuania	-	2	2		Peru	-	8	8	
Luxembourg	-	19	19		Uruguay	-	3	3	
Macedonia	-	5	5		Venezuela	-	9	9	
Malta	-	1	1		Subtotal	-	260	260	0.8
Monaco	-	2	2		ASIA PACIFIC				
Netherlands	-	211	211		Australia	-	212	212	
Norway	-	29	29		New Zealand	-	81	81	
Poland	-	50	50		Papua New Guinea	-	1	1	
Portugal	-	56	56		Subtotal	-	294	294	0.9
Romania	-	23	23		TOTAL QUALIFIED CIRCULATION	27,665	5,218	32,883	100.0
Russian Federation	-	57	57						

*See Additional Data

E-NEWSLETTER CHANNEL

2018	CompositesWorld Weekly	CompositesWorld Extra	2018	CompositesWorld Weekly	CompositesWorld Extra
JANUARY			APRIL		
January 3	31,855	-	April 3	31,980	-
January 9	31,848	-	April 10	32,284	-
January 11	-	31,513	April 12	-	31,904
January 16	31,449	-	April 17	31,653	-
January 23	31,926	-	April 24	32,294	-
January 25	-	31,922	April 26	-	32,399
January 30	31,876	-	MAY		
FEBRUARY			May 1	32,213	-
February 6	32,852	-	May 8	32,204	-
February 8	-	32,815	May 10	-	32,301
February 13	32,755	-	May 15	32,219	-
February 20	32,702	-	May 22	32,141	-
February 22	-	32,662	May 24	-	32,110
February 27	32,578	-	May 29	32,046	-
MARCH			JUNE		
March 1	-	32,529	June 5	31,946	-
March 6	32,463	-	June 12	31,737	-
March 8	-	32,190	June 14	-	31,697
March 13	32,176	-	June 19	31,658	-
March 20	32,163	-	June 26	31,622	-
March 22	-	32,742	June 28	-	31,574
March 27	29,344	-	AVERAGE:		
				31,999	32,181

CompositesWorld Weekly (26 issued in the period)
CompositesWorld Extra (13 issued in the period)

WEBSITE CHANNEL

WWW.COMPOSITESWORLD.COM

2018	Pageviews	Sessions	Users	Average Session Duration
January	254,448	143,159	95,213	1:53
February	264,282	148,056	99,674	1:57
March	309,578	179,906	120,626	1:48
April	286,782	162,515	114,880	1:56
May	284,623	163,509	113,622	1:53
June	262,178	147,322	103,124	2:03
AVERAGE:	276,981	157,411	107,856	1:55

January – June 2018 data was provided by Google Analytics. All website activity is audited by BPA Worldwide.

WEBSITE GLOSSARY

Pageviews: A Pageview is recorded each time a page implanted with the JavaScript code (tag) is displayed in a browser window. This will occur whether the page is served directly from the web server, from a proxy, or from the browser's cache.

Sessions: A single continuous set of activity attributable to a cookie browser resulting in one or more pulled text and/or graphics downloads from a site. A period of 30 minutes of inactivity will terminate the session.

Users: An identified and unduplicated Cookie Browser that accesses Internet content or advertising during a measurement period.

Average Session Duration: The time visitors remain on a site per session.

ADDITIONAL DATA

MAGAZINE:

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:

Editorial Replica – If a print edition exists, editorial and design are unchanged from the original print edition. Each issue's content and design are identical to the original edition. Apart from minor updates, the content cannot change once the issue is made available.

PARAGRAPH 3b:

Business Directories include 2 sources of circulation for quantities of 1,589 copies or 4.9% to 2,959 copies or 9.0%. Other sources include 1 source of circulation for a quantity of 7 copies or -%.

GEOGRAPHIC DISTRIBUTION:

Geographic data for E-Newsletters and Website are not reported at the media owner's option.

PUBLISHER'S AFFIDAVIT

We hereby make oath and say that all data set forth in this statement are true.

Ryan Delahanty, Publisher
Julie Ball, Audience Development Manager
(At least one of the above signatures must be that of an officer of the publishing company or its authorized representative.)

IMPORTANT NOTE:

This unaudited brand report has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

Date signed	July 18, 2018
State	Ohio
County	Hamilton
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About BPA Worldwide:

A not-for-profit organization since 1931, BPA Worldwide is governed by a tripartite board comprised of media owners, advertising agencies and advertisers. Headquartered in Shelton, Connecticut, USA, BPA has the largest membership of any media-auditing organization in the world, spanning more than 30 countries. Globally, BPA audits media properties including consumer magazines, newspapers, web sites, events, email newsletters, databases, wireless, social media and other advertiser-supported media—as well as advertiser and agency members. Visit www.bpaww.com for the latest audit reports, membership information and publishing and advertising industry news.