

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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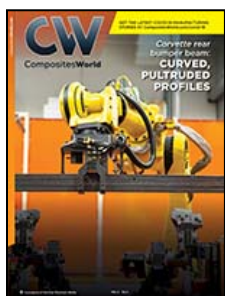
COMPOSITESWORLD is a business-to-business media brand that produces a monthly print magazine, digital media, research and live events for the global composites market. Composites World's editorial team and expert contributors produce information on new product technology, operational best practices, 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
33,232 average circulation

COMPOSITESWORLD E-NEWSLETTERS



2 E-Newsletters in the period
90 total issued in the period
32,324 average per occurrence
31,422 average per occurrence

COMPOSITESWORLD WEBSITE



110,804 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)	33,232	-	33,232
(See Paragraph 3b for Format Type and Source)			
COMPOSITESWORLD E-NEWSLETTERS			
a. CompositesWorld Extra (12 issued in the period)	32,324	-	32,324
b. CW Today (78 issued in the period)	31,422	-	31,422
COMPOSITESWORLD WEBSITE (Monthly Users with 288,322 average Pageviews)	110,804	-	110,804

FIELD SERVED

COMPOSITESWORLD serves the following fields: fabrication/manufacturing of composites products; OEM/end use of composite structures or components; government (including NASA, DOT, state, municipality, DOD etc.); 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	4
Advertiser and Agency	812
Allocated for Trade Shows and Conventions	50
All Other	736
TOTAL	1,602

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	33,232	100.0	33,232	100.0	-	-
Individually Addressed	-	-	-	-	-	-
Membership Benefit	-	-	-	-	-	-
Multi-Copy Same Addressee	-	-	-	-	-	-
Single Copy Sales	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	33,232	100.0	33,232	100.0	-	-

2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD

2020 Issue	Print	Digital	Total Qualified
January	28,016	5,174	33,190
February	28,071	5,217	33,288
March	28,275	5,278	33,553
April	26,106	6,874	32,980
May	26,113	7,127	33,240
June	26,135	7,005	33,140

3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2020
This issue is -% or 10 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	16,938	50.9	7,368	6,221	1,914	325	958	30	122
OEM/End User of Composites Structures or Component	5,286	15.9	2,011	2,236	678	159	155	13	34
Government (Inc. DOT, State, Municipality, DOD, NASA, etc.)	1,100	3.3	109	793	152	5	4	30	7
Educational/Research/Testing Facility	1,853	5.6	291	461	418	11	39	566	67
Product Design/Prototyping/Consulting Firm	4,086	12.3	1,729	1,542	602	29	145	9	30
Other	3,977	12.0	1,792	1,127	460	210	329	26	33
TOTAL QUALIFIED CIRCULATION	33,240	100.0	13,300	12,380	4,224	739	1,630	674	293
PERCENT	100.0		40.0	37.3	12.7	2.2	4.9	2.0	0.9

(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, Engr Mgr, 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 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 2020

Qualification Source	Qualified Within			Print	Digital	Total Qualified	Percent
	1 Year	2 Years	3 Years				
I. Direct Request:	21,943	6,948	-	21,764	7,127	28,891	86.9
II. Request from recipient's company:	-	-	-	-	-	-	-
III. Membership Benefit:	-	-	-	-	-	-	-
IV. *Communication (other than request):	431	-	-	431	-	431	1.3
V. TOTAL – Sources other than above (listed alphabetically):	3,918	-	-	3,918	-	3,918	11.8
Association rosters and directories	-	-	-	-	-	-	-
*Business directories	3,918	-	-	3,918	-	3,918	11.8
Manufacturer's, distributor's, and wholesaler's lists	-	-	-	-	-	-	-
Other sources	-	-	-	-	-	-	-
VI. Single Copy Sales:	-	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	26,292	6,948	-	26,113	7,127	33,240	100.0
PERCENT	79.1	20.9	-	78.6	21.4	100.0	

*See Additional Data

GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2020*

State	Print	Digital	Total Qualified	Percent	State	Print	Digital	Total Qualified	Percent
Maine	159	-	159		Kentucky	287	-	287	
New Hampshire	172	-	172		Tennessee	520	-	520	
Vermont	65	-	65		Alabama	374	-	374	
Massachusetts	635	-	635		Mississippi	133	-	133	
Rhode Island	172	-	172		EAST SO. CENTRAL	1,314	-	1,314	4.0
Connecticut	467	-	467		Arkansas	144	-	144	
NEW ENGLAND	1,670	-	1,670	5.0	Louisiana	144	-	144	
New York	1,005	-	1,005		Oklahoma	281	-	281	
New Jersey	502	-	502		Texas	1,556	-	1,556	
Pennsylvania	1,087	-	1,087		WEST SO. CENTRAL	2,125	-	2,125	6.4
MIDDLE ATLANTIC	2,594	-	2,594	7.8	Montana	63	-	63	
Ohio	2,013	-	2,013		Idaho	140	-	140	
Indiana	970	-	970		Wyoming	50	-	50	
Illinois	1,186	-	1,186		Colorado	358	-	358	
Michigan	1,763	-	1,763		New Mexico	79	-	79	
Wisconsin	944	-	944		Arizona	396	-	396	
EAST NO. CENTRAL	6,876	-	6,876	20.7	Utah	348	-	348	
Minnesota	734	-	734		Nevada	117	-	117	
Iowa	315	-	315		MOUNTAIN	1,551	-	1,551	4.7
Missouri	522	-	522		Alaska	27	-	27	
North Dakota	74	-	74		Washington	768	-	768	
South Dakota	88	-	88		Oregon	335	-	335	
Nebraska	167	-	167		California	2,864	-	2,864	
Kansas	397	-	397		Hawaii	20	-	20	
WEST NO. CENTRAL	2,297	-	2,297	6.9	PACIFIC	4,014	-	4,014	12.1
Delaware	76	-	76		UNITED STATES	26,081	-	26,081	78.5
Maryland	331	-	331		U.S. Territories	32	-	32	
Washington, DC	23	-	23		Canada	-	1,428	1,428	
Virginia	480	-	480		Mexico	-	98	98	
West Virginia	92	-	92		Other International	-	5,601	5,601	
North Carolina	675	-	675		APO/FPO	-	-	-	
South Carolina	399	-	399						
Georgia	493	-	493						
Florida	1,071	-	1,071						
SOUTH ATLANTIC	3,640	-	3,640	10.9					
					TOTAL QUALIFIED CIRCULATION	26,113	7,127	33,240	100.0

*See Additional Data

GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2020*

Region/Country	Print	Digital	Total Qualified	Percent
ASIA				
Azerbaijan	-	1	1	
Bangladesh	-	2	2	
Brunei Darussalam	-	1	1	
China	-	128	128	
Georgia	-	1	1	
Hong Kong - SAR	-	24	24	
India	-	631	631	
Indonesia	-	22	22	
Japan	-	129	129	
Kazakhstan	-	1	1	
Korea, Democratic People's Republic Of	-	107	107	
Malaysia	-	49	49	
Pakistan	-	29	29	
Philippines	-	18	18	
Singapore	-	65	65	
Sri Lanka	-	5	5	
Taiwan	-	95	95	
Thailand	-	40	40	
Vietnam	-	14	14	
Subtotal	-	1,362	1,362	4.1
MIDDLE EAST				
Bahrain	-	6	6	
Iran	-	4	4	
Iraq	-	4	4	
Israel	-	71	71	
Jordan	-	1	1	
Kuwait	-	2	2	
Lebanon	-	4	4	
Oman	-	6	6	
Qatar	-	7	7	
Saudi Arabia	-	27	27	
United Arab Emirates	-	41	41	
Subtotal	-	173	173	0.5
EUROPE				
Austria	-	52	52	
Belarus	-	4	4	
Belgium	-	79	79	
Bosnia and Herzegovina	-	2	2	
Bulgaria	-	6	6	
Croatia	-	8	8	
Cyprus	-	2	2	
Czech Republic	-	40	40	
Denmark	-	42	42	
Estonia	-	5	5	
Finland	-	45	45	
France	-	281	281	
Germany	-	387	387	
Greece	-	33	33	
Hungary	-	22	22	
Iceland	-	6	6	
Ireland	-	37	37	
Italy	-	234	234	
Latvia	-	3	3	
Liechtenstein	-	1	1	
Lithuania	-	5	5	
Luxembourg	-	16	16	
Macedonia	-	5	5	
Malta	-	3	3	
Moldova	-	1	1	
Monaco	-	3	3	
Netherlands	-	206	206	

*See Additional Data

Region/Country	Print	Digital	Total Qualified	Percent
Norway	-	26	26	
Poland	-	54	54	
Portugal	-	63	63	
Romania	-	22	22	
Russian Federation	-	56	56	
Serbia	-	4	4	
Slovakia	-	8	8	
Slovenia	-	17	17	
Spain	-	272	272	
Sweden	-	87	87	
Switzerland	-	76	76	
Turkey	-	209	209	
Ukraine	-	21	21	
United Kingdom	-	891	891	
Subtotal	-	3,334	3,334	10.0
AFRICA				
Algeria	-	4	4	
Egypt	-	11	11	
Ethiopia	-	3	3	
Ghana	-	1	1	
Kenya	-	2	2	
Libyan Arab Jamahiriya	-	1	1	
Mauritius	-	1	1	
Morocco	-	2	2	
Namibia	-	1	1	
Nigeria	-	13	13	
South Africa	-	87	87	
Tunisia	-	7	7	
Subtotal	-	133	133	0.4
NORTH AMERICA				
Canada	-	1,428	1,428	
Mexico	-	98	98	
United States	26,081	-	26,081	
Subtotal	26,081	1,526	27,607	83.1
CARIBBEAN				
Cuba	-	1	1	
Haiti	-	1	1	
Puerto Rico	32	-	32	
Trinidad and Tobago	-	1	1	
Subtotal	32	3	35	0.1
CENTRAL AMERICA				
Costa Rica	-	3	3	
El Salvador	-	1	1	
Panama	-	2	2	
Subtotal	-	6	6	-
SOUTH AMERICA				
Argentina	-	59	59	
Bolivia	-	3	3	
Brazil	-	145	145	
Chile	-	16	16	
Colombia	-	36	36	
Ecuador	-	13	13	
Peru	-	9	9	
Uruguay	-	1	1	
Venezuela	-	7	7	
Subtotal	-	289	289	0.9
ASIA PACIFIC				
Australia	-	223	223	
French Polynesia	-	1	1	
New Zealand	-	77	77	
Subtotal	-	301	301	0.9
TOTAL QUALIFIED CIRCULATION	26,113	7,127	33,240	100.0

E-NEWSLETTER CHANNEL

2020	CompositesWorld Extra	CW Today	2020	CompositesWorld Extra	CW Today
JANUARY			APRIL		
January 2	-	30,073	April 1	-	33,797
January 3	-	30,087	April 3	-	33,877
January 6	-	30,080	April 6	-	33,113
January 8	-	29,993	April 8	-	33,178
January 9	30,523	-	April 9	32,418	-
January 10	-	30,007	April 10	-	31,321
January 13	-	30,006	April 13	-	31,368
January 15	-	30,012	April 15	-	31,435
January 17	-	30,022	April 17	-	31,986
January 20	-	30,033	April 20	-	32,035
January 22	-	30,059	April 22	-	32,100
January 23	30,501	-	April 23	33,324	-
January 24	-	30,171	April 24	-	32,220
January 27	-	30,245	April 27	-	32,301
January 29	-	30,102	April 29	-	32,328
January 31	-	30,167	MAY		
FEBRUARY			May 1	-	32,363
February 3	-	30,199	May 4	-	31,017
February 5	-	30,232	May 6	-	31,142
February 7	-	30,276	May 8	-	31,210
February 10	-	30,298	May 11	-	31,261
February 12	-	30,162	May 13	-	31,324
February 13	30,941	-	May 14	32,844	-
February 14	-	30,221	May 15	-	31,428
February 17	-	30,236	May 18	-	31,462
February 19	-	30,271	May 20	-	31,503
February 21	-	30,296	May 22	-	31,561
February 24	-	30,314	May 26	-	31,645
February 26	-	30,342	May 27	-	31,654
February 27	30,741	-	May 28	33,177	-
February 28	-	30,337	May 29	-	31,690
MARCH			JUNE		
March 2	-	30,369	June 1	-	31,713
March 4	-	30,393	June 3	-	31,717
March 6	-	33,511	June 5	-	31,780
March 9	-	33,526	June 8	-	31,795
March 11	-	33,542	June 10	-	30,850
March 12	33,967	-	June 11	32,543	-
March 13	-	33,563	June 12	-	30,878
March 16	-	33,596	June 15	-	30,903
March 18	-	33,615	June 17	-	30,948
March 20	-	33,698	June 19	-	30,960
March 23	-	33,709	June 22	-	30,997
March 25	-	33,652	June 24	-	31,035
March 26	34,123	-	June 25	32,791	-
March 27	-	33,689	June 26	-	31,085
March 30	-	33,733	June 29	-	31,131
			AVERAGE:	32,324	31,422

CompositesWorld Extra (12 issued in the period)
 CW Today (78 issued in the period)

WEBSITE CHANNEL

WWW.COMPOSITESWORLD.COM

2020	Pageviews	Sessions	Users	Average Session Duration
January	309,040	175,015	115,415	1:46
February	290,109	173,487	117,649	1:39
March	293,177	174,838	115,769	1:40
April	285,100	167,165	107,150	1:50
May	271,156	161,378	103,566	1:46
June	281,354	163,006	105,275	1:55
AVERAGE:	288,322	169,148	110,804	1:46

January – June 2020 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:

Communication (other than request) includes 7 sources of circulation for quantities of 15 copies or -% to 113 copies or 0.1%. Business directories include 1 source of circulation for a quantity of 3,918 copies or 11.8%, including D&B Hoovers.

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 24, 2020
State	Ohio
County	Hamilton
Received by BPA Worldwide	July 24, 2020
Type	BD
ID Number	C391B0J0

About BPA Worldwide

A not-for-profit organization since 1931 and headquartered in Shelton, Connecticut, USA, BPA has a global membership, spanning more than 20 countries. The organization conducts 2,500+ audits for media brands in print, online/digital and live events. In addition, the BPA-iCompli division verifies compliance to defined industry standards, provides technology assurance, and certifies organization's sustainability practices and reporting. BPA is supported by 4,000+ advertiser and agency members. The latest innovation to move the industry forward is the BPA Media Exchange, a brand-safe and audited cooperative marketplace which offers automated solutions for the buying and selling of digital advertising.