

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: 1998  
Issues Per Year: 12

**FIELD SERVED**

Moldmaking Technology Magazine serves the field of manufacturers, users and maintenance providers of injection molds, blow molds, casting, compression and transfer molds, extrusion blow molds, foam molds, liquid injection molds, reaction injection molds, reinforced plastic molds, rotational molds, stretch blow molds, thermoformed molds, and others allied to the field.

**DEFINITION OF RECIPIENT QUALIFICATION**

Qualified recipients are general/corporate management, manufacturing production and engineers, design, quality control/assurance, R&D, purchasing, and other qualified personnel.

AVERAGE NON-QUALIFIED CIRCULATION	
NON-QUALIFIED Not Included Elsewhere	Copies
Other Paid Circulation _____	6
Advertiser and Agency _____	1,340
Rotated or Occasional _____	-
Allocated for Trade Shows and Conventions _____	200
Digital _____	-
All Other _____	1,172
<b>TOTAL</b>	<b>2,718</b>

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	20,392	100.0	20,392	100.0	-	-
Sponsored Individually Addressed ____	-	-	-	-	-	-
Membership Benefit _____	-	-	-	-	-	-
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>20,392</b>	<b>100.0</b>	<b>20,392</b>	<b>100.0</b>	-	-

2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD			
2012 Issue	Number Removed	Number Added	Total Qualified
July _____	89	61	20,265
August _____	78	27	20,214
September _____	412	382	20,184
October _____	48	1,452	21,588
November _____	6,133	4,596	20,051
December _____	12	9	20,048
<b>TOTAL</b>	<b>6,772</b>	<b>6,527</b>	

**3a. BUSINESS/OCCUPATIONAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF NOVEMBER 2012**  
**This issue is 2.0% or 409 copies below the average of the other 5 issues reported in Paragraph two.**

NAICS	BUSINESS/INDUSTRY	Total Qualified	Percent of Total	Company Mgmt; Purchasing (B,L)	Manufacturing Production/ Engineering (C,D,E,F,G,R,S,V,T)	Design; Quality; R&D (H,I,J,P,Q)	Qualified Personnel N.E.C. (N,X,Z)
<b>326</b>	<b>Plastics and Rubber Products Manufacturing</b>						
326111	Plastics Bag Manufacturing	6	-	6	-	-	-
326112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing	16	0.1	6	7	2	1
326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing	95	0.5	31	42	13	9
326121	Unlaminated Plastics Profile Shape Manufacturing	162	0.8	56	92	10	4
326122	Plastics Pipe and Pipe Fitting Manufacturing	80	0.4	28	44	7	1
326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing	54	0.3	21	24	7	2
326140	Polystyrene Foam Product Manufacturing	4	-	1	1	2	-
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing	24	0.1	4	13	7	-
326160	Plastics Bottle Manufacturing	182	0.9	46	106	24	6
326191	Plastics Plumbing Fixture Manufacturing	40	0.2	17	21	1	1
326199	All Other Plastics Product Manufacturing	4,766	23.8	2,183	2,271	312	-
326211	Tire Manufacturing (except Retreading)	18	0.1	2	10	6	-
326220	Rubber and Plastics Hoses and Belting Manufacturing	104	0.5	60	29	13	2
326291	Rubber Product Manufacturing for Mechanical Use	47	0.2	16	21	7	3
326299	All Other Rubber Product Manufacturing	141	0.7	40	78	19	4
	<b>Subtotal 326</b>	<b>5,739</b>	<b>28.6</b>	<b>2,517</b>	<b>2,759</b>	<b>430</b>	<b>33</b>
<b>327</b>	<b>Nonmetallic Mineral Product Manufacturing</b>	109	0.5	34	53	18	4
<b>331</b>	<b>Primary Metal Manufacturing</b>	234	1.2	75	115	22	22
<b>332</b>	<b>Fabricated Metal Product Manufacturing</b>	1,674	8.3	951	619	104	-
<b>333</b>	<b>Machinery Manufacturing</b>						
3331	Agriculture, Construction, and Mining Machinery Manufacturing	80	0.4	18	50	8	4
3332	Industrial Machinery Manufacturing	157	0.8	47	67	32	11
3333	Commercial and Service Industry Machinery Manufacturing	75	0.4	26	33	10	6
3334	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	58	0.3	14	33	11	-
3335	Metalworking Machinery Manufacturing (not incl. 333511)	996	5.0	629	316	51	-
333511	Industrial Mold Manufacturing	5,984	29.8	2,826	2,920	238	-
3336	Engine, Turbine, and Power Transmission Equipment Manufacturing	54	0.3	13	33	6	2
3339	Other General Purpose Machinery Manufacturing	251	1.2	82	136	23	10
	<b>Subtotal 333</b>	<b>7,655</b>	<b>38.2</b>	<b>3,655</b>	<b>3,588</b>	<b>379</b>	<b>33</b>
<b>334</b>	<b>Computer and Electronic Product Manufacturing</b>						
3341	Computer and Peripheral Equipment Manufacturing	63	0.3	13	38	11	1
3342	Communications Equipment Manufacturing	71	0.4	12	47	11	1
3343	Audio and Video Equipment Manufacturing	13	0.1	1	10	2	-
3344	Semiconductor and Other Electronic Component Manufacturing	258	1.3	52	154	42	10
3345	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	283	1.4	75	156	44	8
3346	Manufacturing and Reproducing Magnetic and Optical Media	8	-	-	8	-	-
	<b>Subtotal 334</b>	<b>696</b>	<b>3.5</b>	<b>153</b>	<b>413</b>	<b>110</b>	<b>20</b>
<b>335</b>	<b>Electrical Equipment, Appliance, and Component Manufacturing</b>						
3351	Electric Lighting Equipment Manufacturing	33	0.2	10	19	2	2
3352	Household Appliance Manufacturing	42	0.2	5	33	4	-
3353	Electrical Equipment Manufacturing	155	0.8	32	93	21	9
3359	Other Electrical Equipment and Component Manufacturing	139	0.7	38	79	16	6
	<b>Subtotal 335</b>	<b>369</b>	<b>1.9</b>	<b>85</b>	<b>224</b>	<b>43</b>	<b>17</b>
<b>336</b>	<b>Transportation Equipment Manufacturing</b>						
3361	Motor Vehicle Manufacturing	60	0.3	12	38	6	4
3362	Motor Vehicle Body and Trailer Manufacturing	36	0.2	14	20	1	1
3363	Motor Vehicle Parts Manufacturing	676	3.4	188	397	76	15
3364	Aerospace Product and Parts Manufacturing	198	1.0	46	120	27	5
3365	Railroad Rolling Stock Manufacturing	6	-	1	4	1	-
3366	Ship and Boat Building	28	0.1	15	10	2	1
3369	Other Transportation Equipment Manufacturing	29	0.1	9	18	1	1
	<b>Subtotal 336</b>	<b>1,033</b>	<b>5.1</b>	<b>285</b>	<b>607</b>	<b>114</b>	<b>27</b>
<b>337</b>	<b>Furniture and Related Product Manufacturing</b>	48	0.2	22	20	6	-
<b>339</b>	<b>Miscellaneous Manufacturing</b>						
33911	Medical Equipment and Supplies Manufacturing	871	4.3	221	491	143	16
3399	Other Miscellaneous Manufacturing	398	2.0	167	174	46	11
	<b>Subtotal 339</b>	<b>1,269</b>	<b>6.3</b>	<b>388</b>	<b>665</b>	<b>189</b>	<b>27</b>
	<b>Other Manufacturing, N.E.C.</b>	472	2.4	137	133	112	90
<b>42</b>	<b>Wholesale Trade</b>	197	1.0	109	42	9	37
<b>541</b>	<b>Professional, Scientific, and Technical Services</b>	556	2.8	295	147	66	48
	<b>TOTAL QUALIFIED CIRCULATION</b>	<b>20,051</b>	<b>100.0</b>	<b>8,706</b>	<b>9,385</b>	<b>1,602</b>	<b>358</b>

- (B) CORPORATE EXECUTIVE titles include Chairman, General Manager, Owner, President, Vice President and related titles.  
(C) MANUFACTURING PRODUCTION MANAGEMENT titles include Mold Coordinator, Mold Design Mgr, Advanced Mfg Director, and related titles.  
(D) MANUFACTURING PRODUCTION DEPARTMENT titles include Mold Dept Supv, Mold Design Supv, Mold Facility, Mfg Supervisor and related titles.  
(E) MANUFACTURING ENGINEERING MANAGEMENT titles include Engr Mgr, Chief Engineer, Engr Dept Mgr and other related titles.  
(F) MANUFACTURING ENGINEERING (ENGINEERS) titles 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 related titles.  
(H) QUALITY ASSURANCE/CONTROL MANAGEMENT titles include Q/A Manager, Q/C Director and Quality Engr Mgr, and related titles.  
(I) QUALITY ASSURANCE/CONTROL ENGINEERS titles include Q/A Engineer, Q/C Foreman, Qual Supv and other related titles.  
(J) PRODUCT DESIGN, RESEARCH AND DEVELOPMENT MANAGEMENT titles include Design Engr Dir, R&D Director and related titles.  
(K) PRODUCT DESIGN, RESEARCH AND DEVELOPMENT ENGINEERS titles include Des Engineer, Devel Engineer, R&D Engineer and related titles.  
(L) PRODUCT DESIGN, R&D (OTHER DESIGN PERSONNEL) titles include Designer, Parts Designer, Draftsman and related titles.  
(M) FACTORY AUTOMATION MGMT titles include Factory Automation Mgr, Chief Factory Automation Engr, Systems Design Mgr, and related titles.  
(N) FACTORY AUTOMATION ENGINEERS titles include Factory Automn Engr, Automn Foreman, Systems Designer, Systems Engineer and related titles.  
(O) PURCHASING titles include Purch Director, Sr Buyer, Purch Manager and related titles.  
Other NEC include titles not elsewhere classified.

3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF NOVEMBER 2012					
QUALIFICATION SOURCE	Qualified Within			Total Qualified	Percent
	1 Year	2 Years	3 Years		
I. Direct Request: _____	14,660	3,364	-	18,024	89.9
II. Request from recipient's company: _____	212	-	-	212	1.0
III. Membership Benefit: _____	-	-	-	-	-
IV. Communication from recipient or recipient's company (other than request): _____	-	-	-	-	-
V. <b>TOTAL</b> - Sources other than above (listed alphabetically): _____	1,815	-	-	1,815	9.1
Association rosters and directories _____	-	-	-	-	-
*Business directories _____	1,542	-	-	1,542	7.7
Manufacturer's, distributor's, and wholesaler's lists _____	-	-	-	-	-
*Other sources _____	273	-	-	273	1.4
VI. Single Copy Sales: _____	-	-	-	-	-
<b>TOTAL QUALIFIED CIRCULATION</b>	<b>16,687</b>	<b>3,364</b>	<b>-</b>	<b>20,051</b>	<b>100.0</b>
<b>PERCENT</b>	<b>83.2</b>	<b>16.8</b>	<b>-</b>	<b>100.0</b>	

\*See Additional Data

3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF NOVEMBER 2012		
MAILING ADDRESS	Total Qualified	Percent
Individuals by name and title and/or function _____	20,051	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>20,051</b>	<b>100.0</b>

4. GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF NOVEMBER 2012					
State	Total Qualified	Percent	State	Total Qualified	Percent
Maine _____	30		Kentucky _____	201	
New Hampshire _____	138		Tennessee _____	279	
Vermont _____	60		Alabama _____	132	
Massachusetts _____	431		Mississippi _____	51	
Rhode Island _____	80		<b>EAST SO. CENTRAL</b>	<b>663</b>	<b>3.3</b>
Connecticut _____	336		Arkansas _____	98	
<b>NEW ENGLAND</b>	<b>1,075</b>	<b>5.4</b>	Louisiana _____	48	
New York _____	664		Oklahoma _____	70	
New Jersey _____	386		Texas _____	569	
Pennsylvania _____	871		<b>WEST SO. CENTRAL</b>	<b>785</b>	<b>3.9</b>
<b>MIDDLE ATLANTIC</b>	<b>1,921</b>	<b>9.6</b>	Montana _____	21	
Ohio _____	1,529		Idaho _____	40	
Indiana _____	800		Wyoming _____	11	
Illinois _____	1,332		Colorado _____	168	
Michigan _____	1,652		New Mexico _____	19	
Wisconsin _____	1,006		Arizona _____	179	
<b>EAST NO. CENTRAL</b>	<b>6,319</b>	<b>31.5</b>	Utah _____	141	
Minnesota _____	649		Nevada _____	58	
Iowa _____	186		<b>MOUNTAIN</b>	<b>637</b>	<b>3.2</b>
Missouri _____	327		Alaska _____	-	
North Dakota _____	11		Washington _____	225	
South Dakota _____	47		Oregon _____	186	
Nebraska _____	116		California _____	1,485	
Kansas _____	132		Hawaii _____	3	
<b>WEST NO. CENTRAL</b>	<b>1,468</b>	<b>7.3</b>	<b>PACIFIC</b>	<b>1,899</b>	<b>9.5</b>
Delaware _____	20		<b>UNITED STATES</b>	<b>16,561</b>	<b>82.6</b>
Maryland _____	132		U.S. Territories _____	44	
Washington, DC _____	5		Canada _____	2,108	
Virginia _____	148		Mexico _____	1,338	
West Virginia _____	30		Other International _____	201	
North Carolina _____	439		APO/FPO _____	-	
South Carolina _____	178		<b>TOTAL QUALIFIED CIRCULATION</b>	<b>20,051</b>	<b>100.0</b>
Georgia _____	241				
Florida _____	601				
<b>SOUTH ATLANTIC</b>	<b>1,794</b>	<b>8.9</b>			

<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: _____	19,928	20,445	19,980	20,044	20,056	20,392
Qualified Non-Paid: _____	19,928	20,445	19,980	20,044	20,056	20,392
Qualified Paid: _____	-	-	-	-	-	-
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 data is unaudited. With each successive period, new data will be added until six 6-month periods are displayed.**

\*\*NC = None Claimed.

**ADDITIONAL DATA**

**COMPANY NAME CHANGE:**

Effective with the April 2012 issue, Gardner Publications, Inc. changed its name to Gardner Business Media, Inc.

**PARAGRAPH 3b:**

Business directories include 3 sources of circulation for quantities of 198 copies or 1.0% to 784 copies or 3.9%  
 Other sources include 2 sources of circulation for quantities of 131 copies or 0.7% and 142 copies or 0.7%

<b>PUBLISHER'S AFFIDAVIT</b>		
We hereby make oath and say that all data set forth in this statement are true.	Date signed	January 14, 2013
Claude Mas, Publisher	State	Ohio
P. Ross Jacobs, CCCP, Circulation Director	County	Cincinnati
(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 14, 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	M405POD2