

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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Plastics Technology

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Official Publication of: None
Established: 1955

FIELD SERVED

PLASTICS TECHNOLOGY serves the plastics processing and plastics product manufacturing industry, including those involved in injection molding, extrusion, blow molding, compounding, thermoforming, foam processing, reinforced composite processing, rotational molding, compression molding, structural foam, as well as others involved in mold making, mold maintenance and repair, assembly (bonding/welding), decorating and finishing, and others allied to the field.

DEFINITION OF RECIPIENT QUALIFICATION

Titles and functions include general & corporate management; production or manufacturing engineering, purchasing, research and development engineering or quality control and quality assurance; and other qualified personnel.

| AVERAGE NON-QUALIFIED CIRCULATION | |
|--|--------------|
| NON-QUALIFIED Not Included Elsewhere | Copies |
| Other Paid Circulation _____ | 243 |
| Advertiser and Agency _____ | 1,734 |
| Rotated or Occasional _____ | - |
| Allocated for Trade Shows and Conventions _____ | 208 |
| Digital _____ | - |
| All Other _____ | 884 |
| TOTAL | 3,069 |

| 1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD | | | | | | |
|--|-----------------|--------------|--------------------|--------------|----------------|----------|
| QUALIFIED CIRCULATION | Total Qualified | | Qualified Non-Paid | | Qualified Paid | |
| | Copies | Percent | Copies | Percent | Copies | Percent |
| Individual _____ | 37,204 | 100.0 | 37,204 | 100.0 | - | - |
| Sponsored Individually Addressed _____ | - | - | - | - | - | - |
| Membership Benefit _____ | - | - | - | - | - | - |
| Multi-Copy Same Addressee _____ | - | - | - | - | - | - |
| Single Copy Sales _____ | - | - | - | - | - | - |
| TOTAL QUALIFIED CIRCULATION | 37,204 | 100.0 | 37,204 | 100.0 | - | - |

| 2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD | | | |
|---|-------------------|-----------------|-----------------|
| 2010 Issue | Number Removed | Number Added | Total Qualified |
| January _____ | - | - | 37,504 |
| February _____ | 83 | 1 | 37,422 |
| March _____ | 341 | 3 | 37,084 |
| April _____ | 256 | 327 | 37,155 |
| May _____ | 132 | 60 | 37,083 |
| June _____ | 131 | 22 | 36,974 |
| TOTAL | 943 | 413 | |

3a. BUSINESS/OCCUPATIONAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2010

This issue is 0.4% or 145 copies below the average of the other 5 issues reported in Paragraph two.

| NAICS NO. | BUSINESS/INDUSTRY | TOTAL QUALIFIED | PERCENT OF TOTAL | CLASSIFICATION BY TITLE | | | |
|----------------|--|-----------------|------------------|-------------------------------|-------------------------------|-----------------------|-------------------|
| | | | | Company Mgmt/Purchasing (B,L) | Prod/Mfg Engr (C,D,E,F,G,R,S) | Qual; R&D (H,I,J,P,Q) | Other NEC (N,X,Z) |
| 325 | Chemical Manufacturing | | | | | | |
| 3251 | Basic Chemical Manufacturing | 331 | 0.9 | 75 | 117 | 111 | 28 |
| 3252 | Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing | 1,064 | 2.9 | 358 | 440 | 189 | 77 |
| 3253 | Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing | 19 | 0.1 | 2 | 8 | 9 | |
| 3254 | Pharmaceutical and Medicine Manufacturing | 122 | 0.3 | 23 | 80 | 16 | 3 |
| 3255 | Paint, Coating, and Adhesive Manufacturing | 153 | 0.4 | 60 | 45 | 38 | 10 |
| 3256 | Soap, Cleaning Compound, and Toilet Preparation Manufacturing | 131 | 0.4 | 35 | 58 | 37 | 1 |
| 3259 | Other Chemical Product and Preparation Manufacturing | 471 | 1.3 | 137 | 176 | 117 | 41 |
| | Subtotal 325 | 2,291 | 6.3 | 690 | 924 | 517 | 160 |
| 326 | Plastics and Rubber Products Manufacturing | | | | | | |
| 326111 | Plastics Bag Manufacturing | 231 | 0.6 | 112 | 92 | 12 | 15 |
| 326112 | Plastics Packaging Film and Sheet (including Laminated) Manufacturing | 188 | 0.5 | 73 | 84 | 27 | 4 |
| 326113 | Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing | 1,142 | 3.1 | 472 | 496 | 131 | 43 |
| 326121 | Unlaminated Plastics Profile Shape Manufacturing | 339 | 0.9 | 160 | 148 | 24 | 7 |
| 326122 | Plastics Pipe and Pipe Fitting Manufacturing | 417 | 1.1 | 161 | 204 | 40 | 12 |
| 326130 | Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing | 350 | 0.9 | 182 | 133 | 26 | 9 |
| 326140 | Polystyrene Foam Product Manufacturing | 80 | 0.2 | 36 | 32 | 10 | 2 |
| 326150 | Urethane and Other Foam Product (except Polystyrene) Manufacturing | 617 | 1.7 | 288 | 250 | 58 | 21 |
| 326160 | Plastics Bottle Manufacturing | 495 | 1.3 | 159 | 266 | 60 | 10 |
| 326190 | Other Plastics Product Manufacturing | 19 | 0.1 | 12 | 7 | | |
| 326191 | Plastics Plumbing Fixture Manufacturing | 176 | 0.5 | 104 | 54 | 11 | 7 |
| 326192 | Resilient Floor Covering Manufacturing | 31 | 0.1 | 10 | 11 | 10 | |
| 326199 | All Other Plastics Product Manufacturing | 15,075 | 40.7 | 7,687 | 5,957 | 1,067 | 364 |
| 326211 | Tire Manufacturing (except Retreading) | 54 | 0.1 | 11 | 37 | 4 | 2 |
| 326212 | Tire Retreading | 5 | - | 4 | | 1 | - |
| 326220 | Rubber and Plastics Hoses and Belting Manufacturing | 172 | 0.5 | 63 | 83 | 24 | 2 |
| 326291 | Rubber Product Manufacturing for Mechanical Use | 117 | 0.3 | 46 | 61 | 9 | 1 |
| 326299 | All Other Rubber Product Manufacturing | 525 | 1.4 | 200 | 251 | 61 | 13 |
| | Subtotal 326 | 20,033 | 54.0 | 9,780 | 8,166 | 1,575 | 512 |
| 327 | Nonmetallic Mineral Product Manufacturing | 272 | 0.7 | 136 | 96 | 34 | 6 |
| 331 | Primary Metal Manufacturing | 372 | 1.0 | 167 | 148 | 50 | 7 |
| 332 | Fabricated Metal Product Manufacturing | 2,336 | 6.3 | 1,141 | 912 | 225 | 58 |
| 333 | Machinery Manufacturing | | | | | | |
| 3331 | Agriculture, Construction, and Mining Machinery Manufacturing | 165 | 0.4 | 50 | 92 | 19 | 4 |
| 3332 | Industrial Machinery Manufacturing | 349 | 0.9 | 156 | 135 | 38 | 20 |
| 3333 | Commercial and Service Industry Machinery Manufacturing | 309 | 0.8 | 65 | 168 | 70 | 6 |
| 3334 | Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing | 111 | 0.3 | 38 | 49 | 21 | 3 |
| 3335 | Metalworking Machinery Manufacturing (not incl. 333511) | 1,101 | 3.0 | 644 | 382 | 55 | 20 |
| 333511 | Industrial Mold Manufacturing | 1,360 | 3.7 | 880 | 401 | 56 | 23 |
| 3336 | Engine, Turbine, and Power Transmission Equipment Manufacturing | 78 | 0.2 | 21 | 40 | 12 | 5 |
| 3339 | Other General Purpose Machinery Manufacturing | 521 | 1.4 | 179 | 251 | 72 | 19 |
| | Subtotal 333 | 3,994 | 10.7 | 2,033 | 1,518 | 343 | 100 |
| 334 | Computer and Electronic Product Manufacturing | | | | | | |
| 3341 | Computer and Peripheral Equipment Manufacturing | 89 | 0.2 | 19 | 52 | 14 | 4 |
| 3342 | Communications Equipment Manufacturing | 109 | 0.3 | 15 | 73 | 20 | 1 |
| 3343 | Audio and Video Equipment Manufacturing | 32 | 0.1 | 6 | 19 | 6 | 1 |
| 3344 | Semiconductor and Other Electronic Component Manufacturing | 296 | 0.8 | 87 | 164 | 42 | 3 |
| 3345 | Navigational, Measuring, Electromedical, and Control Instruments Manufacturing | 427 | 1.2 | 109 | 244 | 58 | 16 |
| 3346 | Manufacturing and Reproducing Magnetic and Optical Media | 18 | - | 1 | 12 | 5 | - |
| | Subtotal 334 | 971 | 2.6 | 237 | 564 | 145 | 25 |
| 335 | Electrical Equipment, Appliance, and Component Manufacturing | | | | | | |
| 3351 | Electric Lighting Equipment Manufacturing | 93 | 0.3 | 30 | 46 | 15 | 2 |
| 3352 | Household Appliance Manufacturing | 131 | 0.4 | 20 | 83 | 26 | 2 |
| 3353 | Electrical Equipment Manufacturing | 190 | 0.5 | 43 | 115 | 30 | 2 |
| 3359 | Other Electrical Equipment and Component Manufacturing | 408 | 1.1 | 90 | 244 | 64 | 10 |
| | Subtotal 335 | 822 | 2.3 | 183 | 488 | 135 | 16 |
| 336 | Transportation Equipment Manufacturing | | | | | | |
| 3361 | Motor Vehicle Manufacturing | 148 | 0.4 | 23 | 99 | 21 | 5 |
| 3362 | Motor Vehicle Body and Trailer Manufacturing | 50 | 0.1 | 23 | 20 | 5 | 2 |
| 3363 | Motor Vehicle Parts Manufacturing | 769 | 2.1 | 196 | 453 | 108 | 12 |
| 3364 | Aerospace Product and Parts Manufacturing | 190 | 0.5 | 57 | 96 | 32 | 5 |
| 3365 | Railroad Rolling Stock Manufacturing | 11 | - | 2 | 9 | - | - |
| 3366 | Ship and Boat Building | 68 | 0.2 | 40 | 21 | 7 | - |
| 3369 | Other Transportation Equipment Manufacturing | 72 | 0.2 | 18 | 37 | 17 | - |
| | Subtotal 336 | 1,308 | 3.5 | 359 | 735 | 190 | 24 |
| 337 | Furniture and Related Product Manufacturing | 274 | 0.7 | 123 | 122 | 27 | 2 |
| 339 | Miscellaneous Manufacturing | | | | | | |
| 33911 | Medical Equipment and Supplies Manufacturing | 1,462 | 3.9 | 370 | 876 | 205 | 11 |
| 3399 | Other Miscellaneous Manufacturing | 1,009 | 2.7 | 508 | 382 | 102 | 17 |
| | Subtotal 339 | 2,471 | 6.6 | 878 | 1,258 | 307 | 28 |
| 311-324 | Miscellaneous Manufacturing Other | 1,319 | 3.6 | 513 | 566 | 189 | 51 |
| 541 | Professional Services | 620 | 1.7 | 305 | 180 | 132 | 3 |
| | TOTAL QUALIFIED CIRCULATION | 37,083 | 100.0 | 16,545 | 15,677 | 3,869 | 992 |

(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.

(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.

(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 & Design Engineer and other titles.

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

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

Other NEC include titles not elsewhere classified.

| 3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2010 | | | | | |
|---|------------------|---------------|----------|-----------------|--------------|
| QUALIFICATION SOURCE | Qualified Within | | | Total Qualified | Percent |
| | 1 Year | 2 Years | 3 Years | | |
| I. Direct Request: _____ | 24,103 | 10,734 | - | 34,837 | 93.9 |
| II. Request from recipient's company: _____ | - | 469 | - | 469 | 1.3 |
| III. Membership Benefit: _____ | - | - | - | - | - |
| IV. Communication from recipient or recipient's company (other than request): _____ | - | - | - | - | - |
| V. TOTAL - Sources other than above (listed alphabetically): _____ | 1,777 | - | - | 1,777 | 4.8 |
| Association rosters and directories _____ | - | - | - | - | - |
| Business directories _____ | - | - | - | - | - |
| Manufacturer's, distributor's, and wholesaler's lists _____ | - | - | - | - | - |
| *Other sources _____ | 1,777 | - | - | 1,777 | 4.8 |
| VI. Single Copy Sales: _____ | - | - | - | - | - |
| TOTAL QUALIFIED CIRCULATION | 25,880 | 11,203 | - | 37,083 | 100.0 |
| PERCENT | 69.8 | 30.2 | - | 100.0 | - |

*See Paragraph 8

| 3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2010 | | |
|---|-----------------|--------------|
| MAILING ADDRESS | Total Qualified | Percent |
| Individuals by name and title and/or function _____ | 37,083 | 100.0 |
| Individuals by name only _____ | - | - |
| Titles or functions only _____ | - | - |
| Company names only _____ | - | - |
| Multi-Copy Same Addressee copies _____ | - | - |
| Single Copy Sales _____ | - | - |
| TOTAL QUALIFIED CIRCULATION | 37,083 | 100.0 |

| 4. GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2010 | | | | | |
|---|-----------------|-------------|--------------------------------------|-----------------|--------------|
| State & Zip Code | Total Qualified | Percent | State & Zip Code | Total Qualified | Percent |
| 039-049 Maine _____ | 77 | | 400-427 Kentucky _____ | 604 | |
| 030-038 New Hampshire _____ | 306 | | 370-385 Tennessee _____ | 707 | |
| 050-059 Vermont _____ | 92 | | 350-369 Alabama _____ | 315 | |
| 010-027 Massachusetts _____ | 1,087 | | 386-397 Mississippi _____ | 173 | |
| 028-029 Rhode Island _____ | 216 | | EAST SO. CENTRAL | 1,799 | 4.9 |
| 060-069 Connecticut _____ | 638 | | 716-729 Arkansas _____ | 232 | |
| NEW ENGLAND | 2,416 | 6.5 | 700-714 Louisiana _____ | 194 | |
| 100-149 New York _____ | 1,377 | | 730-749 Oklahoma _____ | 240 | |
| 070-089 New Jersey _____ | 1,020 | | 750-799 Texas _____ | 1,704 | |
| 150-196 Pennsylvania _____ | 1,949 | | WEST SO. CENTRAL | 2,370 | 6.4 |
| MIDDLE ATLANTIC | 4,346 | 11.7 | 590-599 Montana _____ | 36 | |
| 430-459 Ohio _____ | 3,116 | | 832-838 Idaho _____ | 89 | |
| 460-479 Indiana _____ | 1,814 | | 820-831 Wyoming _____ | 19 | |
| 600-629 Illinois _____ | 2,986 | | 800-816 Colorado _____ | 351 | |
| 480-499 Michigan _____ | 2,583 | | 870-884 New Mexico _____ | 35 | |
| 530-549 Wisconsin _____ | 2,087 | | 850-865 Arizona _____ | 290 | |
| EAST NO. CENTRAL | 12,586 | 34.0 | 840-847 Utah _____ | 304 | |
| 550-567 Minnesota _____ | 1,277 | | 889-898 Nevada _____ | 112 | |
| 500-528 Iowa _____ | 452 | | MOUNTAIN | 1,236 | 3.3 |
| 630-658 Missouri _____ | 740 | | 995-999 Alaska _____ | 7 | |
| 580-588 North Dakota _____ | 57 | | 980-994 Washington _____ | 406 | |
| 570-577 South Dakota _____ | 89 | | 970-979 Oregon _____ | 359 | |
| 680-693 Nebraska _____ | 247 | | 900-961 California _____ | 2,609 | |
| 660-679 Kansas _____ | 339 | | 967-968 Hawaii _____ | 7 | |
| WEST NO. CENTRAL | 3,201 | 8.6 | PACIFIC | 3,388 | 9.1 |
| 197-199 Delaware _____ | 93 | | UNITED STATES | 35,360 | 95.4 |
| 206-219 Maryland _____ | 234 | | 969 & 004-009 U.S. Territories _____ | 9 | |
| 200-205 Washington, DC _____ | 1 | | Canada _____ | 1,666 | |
| 220-246 Virginia _____ | 407 | | Mexico _____ | 47 | |
| 247-268 West Virginia _____ | 100 | | Other International _____ | 1 | |
| 270-289 North Carolina _____ | 1,096 | | APO/FPO _____ | - | |
| 290-299 South Carolina _____ | 490 | | TOTAL QUALIFIED CIRCULATION | 37,083 | 100.0 |
| 300-319 Georgia _____ | 686 | | | | |
| 320-349 Florida _____ | 911 | | | | |
| SOUTH ATLANTIC | 4,018 | 10.9 | | | |

| 7. 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 |
| | 2007 | January - June 2008 | July - December 2008 | January - June 2009* | July - December 2009* | January - June 2010* |
| Total Audit Average Qualified: _____ | 47,001 | 47,070 | 47,334 | 44,321 | 38,228 | 37,204 |
| Qualified Non-Paid: _____ | 47,001 | 47,070 | 47,334 | 44,321 | 38,228 | 37,204 |
| Qualified Paid: _____ | - | - | - | - | - | - |
| Post Expire Copies included in Paid Circulation: _____ | **NC | **NC | **NC | **NC | **NC | **NC |
| Average Annual Order Price: _____ | **NC | **NC | **NC | **NC | **NC | **NC |

***NOTE: January-June 2010 is unaudited. With each successive period, new data will be added until six 6-month periods are displayed.**

**NC = None Claimed.

8 ADDITIONAL DATA

PARAGRAPH 3b:

Other sources include 3 sources of circulation for quantities of 524 copies or 1.4% to 721 copies or 1.9%.

Paragraphs 3c and 7 are reported at the option of the publisher.

PUBLISHER'S AFFIDAVIT

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

Jackie Dalzell, Publisher

P. Ross Jacobs, CCCP, Circulation Director

(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 circulation statement has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

Date signed July 29, 2010

State New York

County New York

Received by BPA Worldwide July 29, 2010

Type PD

ID Number P090R0J0