*Raw Data of Magnetic Test for Variation of Microcarbonyl iron of Loading Natural Rubber Nanocomposites*

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0% | 10% | 20% | 30% |
| Field (G) | Moment/Mass(emu/g) |
| 14000 | -0.031075 | 11.8639 | 22.0397 | 32.3863 |
| 13000 | -0.02804 | 11.8436 | 22.0025 | 32.3321 |
| 12000 | -0.0250311 | 11.8173 | 21.956 | 32.2627 |
| 11000 | -0.0219739 | 11.7842 | 21.8972 | 32.1692 |
| 10000 | -0.0189939 | 11.7385 | 21.8192 | 32.0514 |
| 8999.99 | -0.0161259 | 11.6749 | 21.7153 | 31.8884 |
| 8000 | -0.01318 | 11.5722 | 21.5555 | 31.6351 |
| 7000 | -0.0102412 | 11.3408 | 21.2215 | 31.0778 |
| 6000 | -0.00757066 | 10.5973 | 20.0837 | 29.3183 |
| 5000 | -0.00487035 | 9.36743 | 18.0113 | 26.208 |
| 4000 | -0.00231871 | 7.86957 | 15.3323 | 22.2357 |
| 2999.98 | 5.37453E-05 | 6.17344 | 12.174 | 17.6033 |
| 2000 | 0.00220753 | 4.29103 | 8.55808 | 12.3479 |
| 999.991 | 0.00375761 | 2.2261 | 4.48136 | 6.46013 |
| 949.996 | 0.00379638 | 2.11787 | 4.26479 | 6.14849 |
| 899.998 | 0.00381628 | 2.00971 | 4.04823 | 5.83543 |
| 849.995 | 0.0038642 | 1.90109 | 3.83049 | 5.5222 |
| 799.997 | 0.00387269 | 1.79226 | 3.61202 | 5.20668 |
| 749.996 | 0.00393742 | 1.68291 | 3.39264 | 4.89022 |
| 699.995 | 0.00393191 | 1.57331 | 3.17245 | 4.5725 |
| 649.998 | 0.00395945 | 1.46341 | 2.95114 | 4.25417 |
| 600 | 0.00391781 | 1.35319 | 2.72923 | 3.93412 |
| 549.995 | 0.00395484 | 1.24262 | 2.50665 | 3.61309 |
| 499.999 | 0.00392785 | 1.13188 | 2.28316 | 3.29095 |
| 449.995 | 0.00388682 | 1.02083 | 2.05926 | 2.96768 |
| 400.001 | 0.00383848 | 0.909494 | 1.83417 | 2.64356 |
| 349.996 | 0.00379398 | 0.799289 | 1.6114 | 2.3226 |
| 300 | 0.00368892 | 0.687711 | 1.38585 | 1.99754 |
| 249.998 | 0.00359657 | 0.575731 | 1.15962 | 1.67148 |
| 200 | 0.00342496 | 0.463652 | 0.933475 | 1.34533 |
| 150.001 | 0.00322757 | 0.351568 | 0.707091 | 1.01876 |
| 99.9976 | 0.00291722 | 0.239467 | 0.480419 | 0.692181 |
| 49.9936 | 0.00242662 | 0.127058 | 0.253698 | 0.3655 |
| -0.000584602 | 0.00130904 | 0.0140007 | 0.0263464 | 0.0382731 |
| -49.9986 | 1.42115E-05 | -0.099151 | -0.201365 | -0.289695 |
| -100 | -0.000706656 | -0.211935 | -0.428555 | -0.617034 |
| -150.002 | -0.00123323 | -0.324381 | -0.655389 | -0.943746 |
| -200.002 | -0.00163454 | -0.436834 | -0.882264 | -1.27127 |
| -250.001 | -0.00195675 | -0.549051 | -1.10896 | -1.59797 |
| -300.001 | -0.00222473 | -0.660941 | -1.33515 | -1.9239 |
| -350.006 | -0.00242407 | -0.772933 | -1.56122 | -2.24968 |
| -400.003 | -0.00261376 | -0.880553 | -1.77788 | -2.56246 |
| -449.999 | -0.00279957 | -0.991984 | -2.00252 | -2.88633 |
| -500 | -0.00290754 | -1.10343 | -2.22714 | -3.20993 |
| -550.003 | -0.00298129 | -1.21452 | -2.45117 | -3.53301 |
| -600.004 | -0.00305508 | -1.32511 | -2.67429 | -3.85456 |
| -649.998 | -0.00309795 | -1.43558 | -2.89671 | -4.17541 |
| -700.001 | -0.00312656 | -1.54577 | -3.11825 | -4.495 |
| -750.004 | -0.00314179 | -1.6557 | -3.33933 | -4.81319 |
| -800.001 | -0.00317582 | -1.76512 | -3.55872 | -5.13013 |
| 14000 | -0.031075 | 11.8639 | 22.0397 | 32.3863 |
| 13000 | -0.02804 | 11.8436 | 22.0025 | 32.3321 |
| 12000 | -0.0250311 | 11.8173 | 21.956 | 32.2627 |
| 11000 | -0.0219739 | 11.7842 | 21.8972 | 32.1692 |
| 10000 | -0.0189939 | 11.7385 | 21.8192 | 32.0514 |
| 8999.99 | -0.0161259 | 11.6749 | 21.7153 | 31.8884 |
| 8000 | -0.01318 | 11.5722 | 21.5555 | 31.6351 |
| 7000 | -0.0102412 | 11.3408 | 21.2215 | 31.0778 |
| 6000 | -0.00757066 | 10.5973 | 20.0837 | 29.3183 |
| 5000 | -0.00487035 | 9.36743 | 18.0113 | 26.208 |
| 4000 | -0.00231871 | 7.86957 | 15.3323 | 22.2357 |
| 2999.98 | 5.37453E-05 | 6.17344 | 12.174 | 17.6033 |
| 2000 | 0.00220753 | 4.29103 | 8.55808 | 12.3479 |
| 999.991 | 0.00375761 | 2.2261 | 4.48136 | 6.46013 |
| 949.996 | 0.00379638 | 2.11787 | 4.26479 | 6.14849 |
| 899.998 | 0.00381628 | 2.00971 | 4.04823 | 5.83543 |
| 849.995 | 0.0038642 | 1.90109 | 3.83049 | 5.5222 |
| 799.997 | 0.00387269 | 1.79226 | 3.61202 | 5.20668 |
| 749.996 | 0.00393742 | 1.68291 | 3.39264 | 4.89022 |
| 699.995 | 0.00393191 | 1.57331 | 3.17245 | 4.5725 |
| 649.998 | 0.00395945 | 1.46341 | 2.95114 | 4.25417 |
| 600 | 0.00391781 | 1.35319 | 2.72923 | 3.93412 |
| 549.995 | 0.00395484 | 1.24262 | 2.50665 | 3.61309 |
| 499.999 | 0.00392785 | 1.13188 | 2.28316 | 3.29095 |
| 449.995 | 0.00388682 | 1.02083 | 2.05926 | 2.96768 |
| 400.001 | 0.00383848 | 0.909494 | 1.83417 | 2.64356 |
| 349.996 | 0.00379398 | 0.799289 | 1.6114 | 2.3226 |
| 300 | 0.00368892 | 0.687711 | 1.38585 | 1.99754 |
| 249.998 | 0.00359657 | 0.575731 | 1.15962 | 1.67148 |
| 200 | 0.00342496 | 0.463652 | 0.933475 | 1.34533 |
| 150.001 | 0.00322757 | 0.351568 | 0.707091 | 1.01876 |
| 99.9976 | 0.00291722 | 0.239467 | 0.480419 | 0.692181 |
| 49.9936 | 0.00242662 | 0.127058 | 0.253698 | 0.3655 |
| -0.000584602 | 0.00130904 | 0.0140007 | 0.0263464 | 0.0382731 |
| -49.9986 | 1.42115E-05 | -0.099151 | -0.201365 | -0.289695 |
| -100 | -0.000706656 | -0.211935 | -0.428555 | -0.617034 |
| -150.002 | -0.00123323 | -0.324381 | -0.655389 | -0.943746 |
| -200.002 | -0.00163454 | -0.436834 | -0.882264 | -1.27127 |
| -250.001 | -0.00195675 | -0.549051 | -1.10896 | -1.59797 |
| -300.001 | -0.00222473 | -0.660941 | -1.33515 | -1.9239 |
| -350.006 | -0.00242407 | -0.772933 | -1.56122 | -2.24968 |
| -400.003 | -0.00261376 | -0.880553 | -1.77788 | -2.56246 |
| -449.999 | -0.00279957 | -0.991984 | -2.00252 | -2.88633 |
| -500 | -0.00290754 | -1.10343 | -2.22714 | -3.20993 |
| -550.003 | -0.00298129 | -1.21452 | -2.45117 | -3.53301 |
| -600.004 | -0.00305508 | -1.32511 | -2.67429 | -3.85456 |
| -649.998 | -0.00309795 | -1.43558 | -2.89671 | -4.17541 |
| -700.001 | -0.00312656 | -1.54577 | -3.11825 | -4.495 |
| -750.004 | -0.00314179 | -1.6557 | -3.33933 | -4.81319 |
| -800.001 | -0.00317582 | -1.76512 | -3.55872 | -5.13013 |