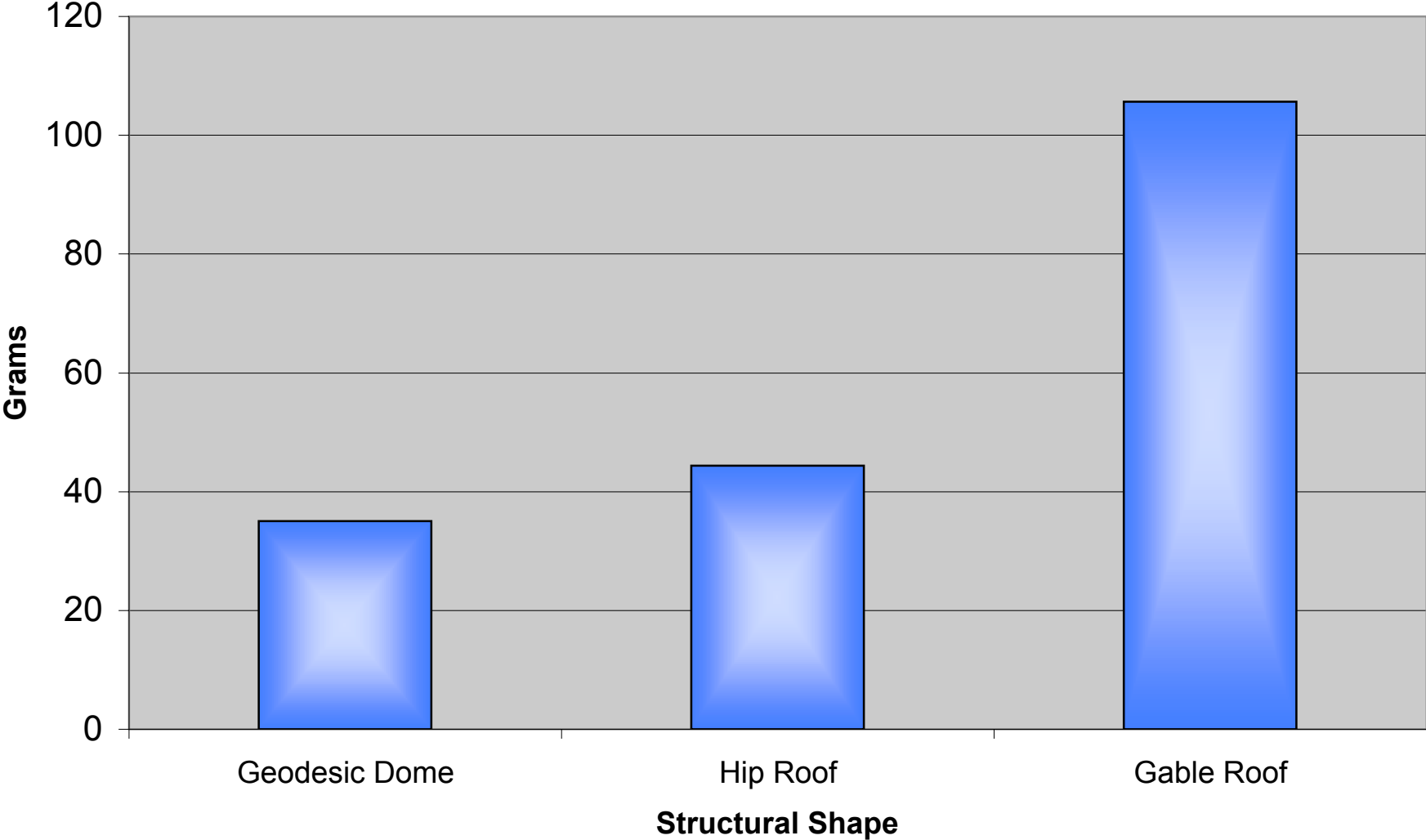


Grams of Aerodynamic Drag Exerted on Model Buildings with Various Structural Shapes

| | Building Shape | Geodesic Dome | Hip Roof | Gable Roof |
|--|------------------------|---------------|-------------|--------------|
| End of Building (Gable or Hip Face) | Trial #1 | 35 | 35 | 35 |
| | Trial #2 | 40 | 30 | 120 |
| | Trial #3 | 35 | 45 | 100 |
| | Trial #4 | 40 | 40 | 100 |
| | Average | 37.5 | 37.5 | 88.75 |
| Side of Building (Roof Pitch) | Trial #5 | 35 | 50 | 90 |
| | Trial #6 | 30 | 55 | 120 |
| | Trial #7 | 35 | 55 | 135 |
| | Trial #8 | 30 | 45 | 145 |
| | Average | 32.5 | 51.25 | 122.5 |
| | Overall Average | 35.0 | 44.4 | 105.6 |

Average Aerodynamic Drag Exerted on Building Shapes



Average Aerodynamic Drag Exerted on Building Face or Side

