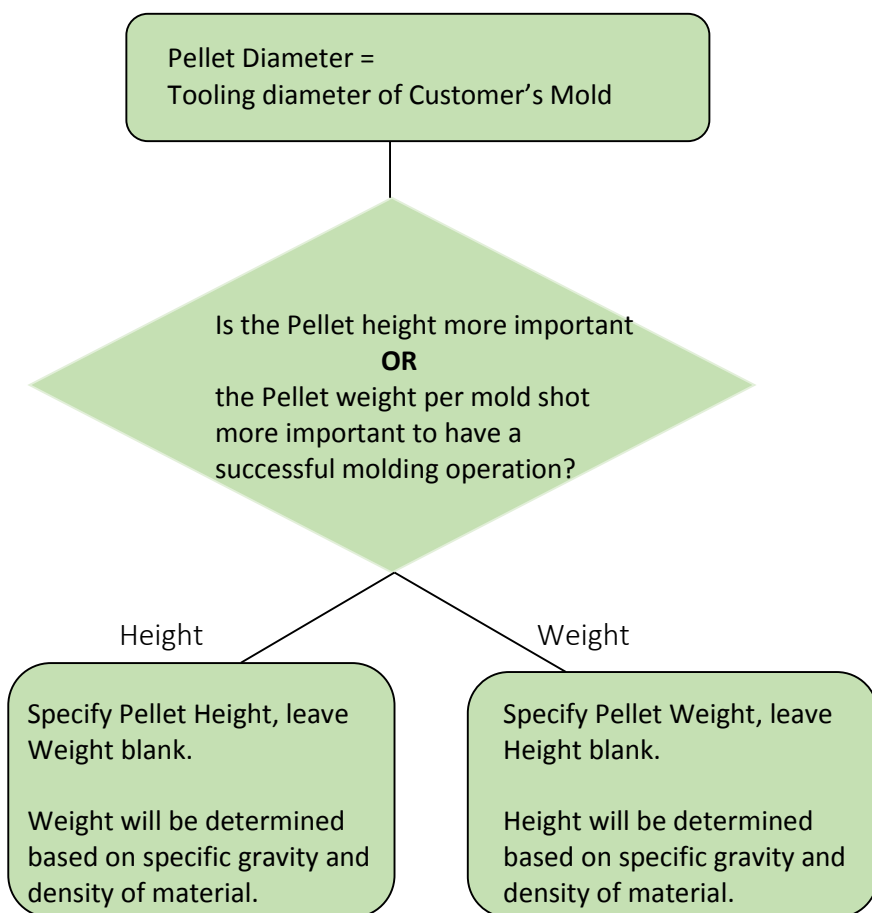




Requesting a Pelletized Sample for Mold Compound & Opto Mold compounds

It is critical that we provide the customer with the proper diameter and weight pellet for their molding equipment.



If a competitor provides a 16mm x 5.0g pellet that doesn't mean that SolEpoxy should provide that same size pellet. SolEpoxy needs to provide a pellet that will fit the customer's mold ensuring there is enough material per shot.

There are two variables that determine the weight of a molded pellet based off of the diameter.

The specific gravity of the material as well as pellet density will determine both the weight and height of a pellet.

The charts in the following pages outline the pellet diameters and weight ranges for both mold compounds and opto mold compounds.

Pelletizing Capabilities Olean Facility

| Pellet Diameter | | Pellet Weight Range (gms) | |
|-----------------|--------|---------------------------|---------|
| Millimeters | Inches | Minimum | Maximum |
| 10 | .394 | 1.1 | 4.1 |
| 11 | .433 | 1.3 | 4.5 |
| 12 | .472 | 1.6 | 5.7 |
| 13 | .512 | 1.7 | 6.5 |
| 14 | .551 | 2.1 | 7.8 |
| 14.3 | .563 | 2.2 | 8.2 |
| 16 | .630 | 2.5 | 10.2 |
| 18 | .709 | 3.5 | 12.9 |
| 20 | .787 | 3.7 | 15.9 |
| 35 | 1.375 | 14 | 105 |
| 40.6 | 1.600 | 20 | 150 |
| 45 | 1.750 | 25 | 175 |
| 48 | 1.900 | 28 | 280 |
| 55 | 2.165 | 36 | 360 |
| 58 | 2.280 | 40 | 400 |
| 61 | 2.400 | 45 | 445 |
| 70 | 2.750 | 55 | 580 |

NOTE 1: Pellet weight specification tolerances must be considered when determining capability.

NOTE 2: This chart depicts the typical manufacturing capability in the Olean facility. Requests for pellets outside of the stated weight range require Engineering input and possible testing.

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Granular Optoelectronic Molding Compound

Current Pellet Size Capabilities

| Nominal Pellet Diameter (mm) | Pellet Weight Range (gms) |
|---|--------------------------------------|
| 10 | 0.7 – 1.4 |
| 11 | 0.9 – 1.9 |
| 13 | 1.2 – 3.2 |
| 14 | 1.4 – 4.0 |
| 16 | 1.8 – 5.6 |
| 18 | 2.2 – 8.0 |
| 35 | 12 – 57 |
| 40.6 | 19.5 – 95 |
| 45 | 20 – 100 |
| 48 | 25 – 110 |

This chart depicts the typical manufacturing capability in the Olean facility. Requests for pellets outside of the stated weight range require Engineering input and possible testing.

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J. Gold