

**OVERVIEW OF AGS FACILITIES**

**ELK GROVE VILLAGE-IL RAW MATERIAL/TECHNOLOGY FACILITY**

**ISO/TS16949 Certified**

**25,000 Square Feet**

**Raw Material Preparation:**

- Material Handling Equipment
- Aspiration
- Magnets (ferrous) and Metal Detector (non-ferrous)
- Blending

**Laboratory Equipment:**

Fully equipped to perform ISO/ASTM testing.

- Universal Testing (Tensile, Elongation, Flexural)
- Impact Testing (Izod, Charpy, Gardner)
- Heat Distortion (HDT, Vicat)
- Extrusion Plastometer (MFR, HLMFR, MVR, Thermal Stability)
- Specific Gravity (Density)
- Heat Aging (Long Term Property Reduction)
- Ash/Filler Content
- Moisture Analysis
- 75 Ton Van Dorn Press with ISO/ASTM Test Molds

**SCHAUMBURG-IL INJECTION MOLDING FACILITY**

**ISO/TS16949 Certified**

**25,000 Square Feet**

**10 Ton Bridge Crane**

**Injection Molding Presses:**

Specially modified to compound recycled material.

Make	Tons	Oz	Tie-Bars (H" x V")	Platens (H" x V")	Maximum Pressure (psi)
Mitsubishi Hydraulic	90	4	15.0 x 15.0	22.0 x 22.0	35,700
Mitsubishi Hydraulic	210	13	22.4 x 22.4	32.3 x 32.3	28,446
Mitsubishi Hydraulic	320	28	26.0 x 26.0	37.4 x 37.4	26,810
Mitsubishi Hydraulic	320	28	26.0 x 26.0	37.4 x 37.4	26,810
JSW Toggle	385	29	28.7 x 28.7	40.7 x 40.7	25,900
JSW Electric	385	29	28.7 x 28.7	42.7 x 42.3	24,200
JSW Toggle	500	44	31.9 x 31.9	46.3 x 46.3	26,000
JSW Toggle	500	44	31.9 x 31.9	46.3 x 46.3	26,000
JSW Toggle	720	103	37.4 x 37.4	53.9 x 53.9	25,900