



Reliable
Resilient
Recycled

Agenda



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AGS Background



Our Focus



AGS Technology is a custom injection molding company specializing in the use of recycled plastics. AGS has positioned itself to be a reliable, low-cost producer for OEM's and Tier 1 companies in North America for structural plastic components.

The Basics



- Founded in 1995 – 30+ Years!
- 80,000 ft² Manufacturing Facility-Batavia IL
- 20,000 ft² Outside Warehouses-Batavia IL
- Complete Recycled Material Processing & Testing Facility
- 23 Injection Molding Machines
- 90-940 Tonnage Range
- Room for Expansion
- Light Assembly Capabilities
- IATF 16949:2016 Registered
- Certified Minority Owned Business

Traditional Recycling

1. Plastic regrind feedstocks
2. Melted and extruded
3. Reprocessed pellets end-product



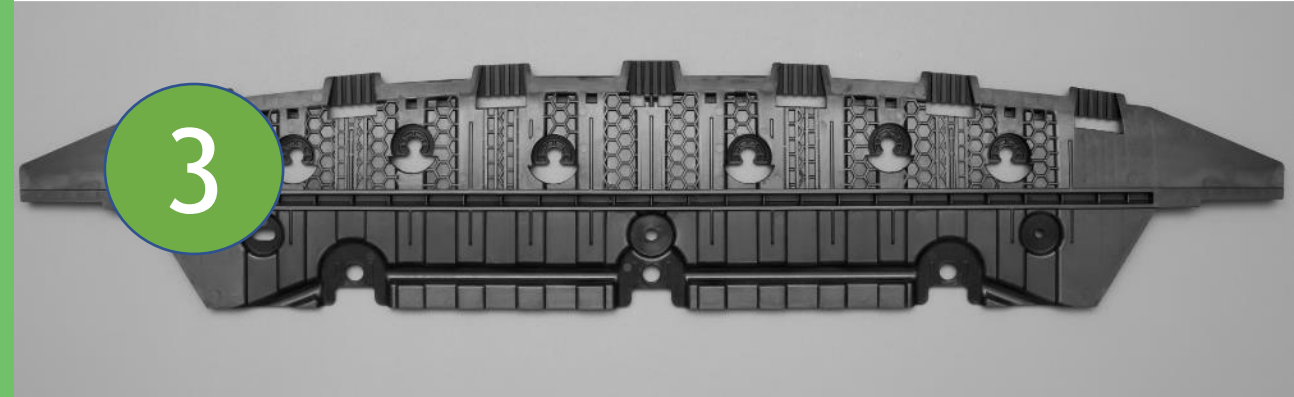
AGS Direct Injection Molding

1. Plastic regrind feedstocks
2. Internally certified Injectoblend™ formulated to customer specification
3. Processed in injection molding machine
4. Injection molded parts

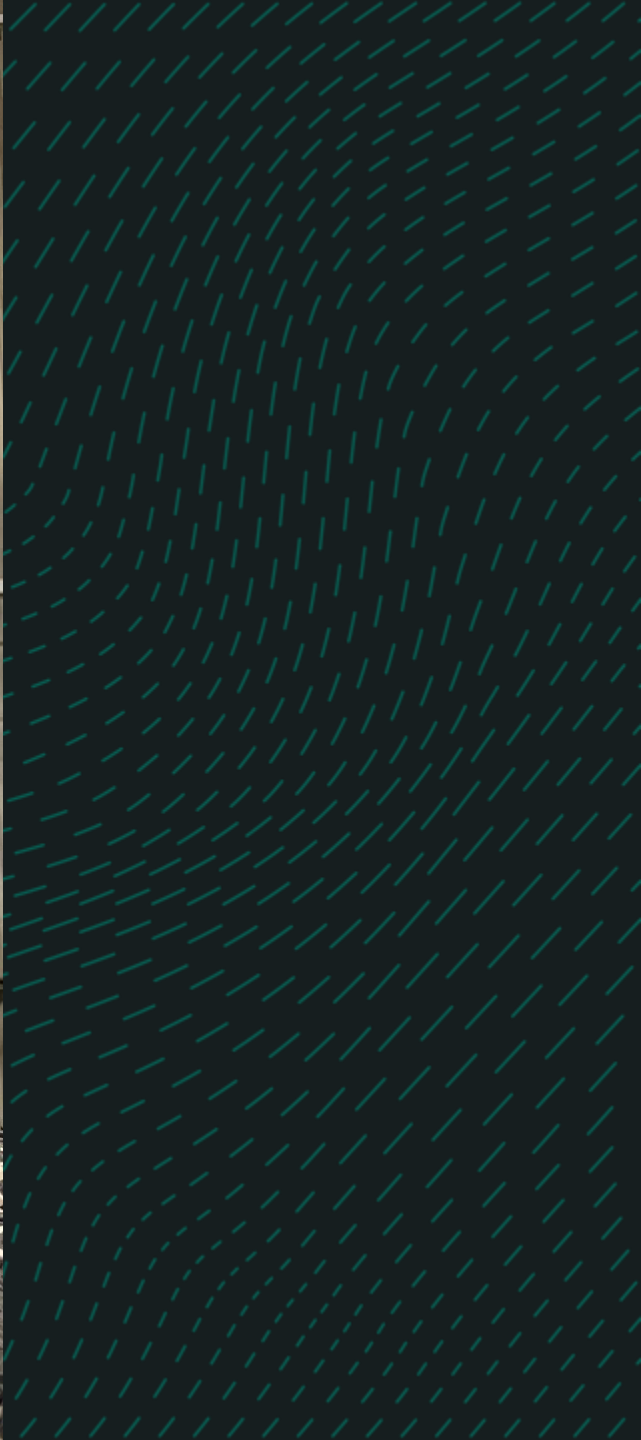
Benefits:

- Eliminates a manufacturing step
- Eliminates a material heat history
- Eliminates finger pointing

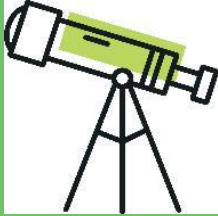
"AGS is a recycled raw material supplier that sells material in the form of a shape"



AGS 6-Step Process



AGS 6-Step Process



Step 1: Sourcing

We develop long-term supplier partnerships and invest resources to continually expand our PIR/PCR supply base. All material is sampled prior to being purchased.



Step 2: Processing

Material is visually inspected for any problems; we clean and blend the material with a sample taken for analysis. Test results must match sampled material in step one.



AGS 6-Step Process

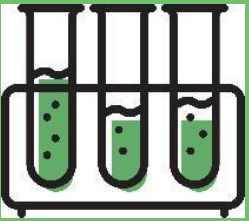


Step 3: Characterizing

We review the material test results and prepare the material for formulation based on internal performance specifications.



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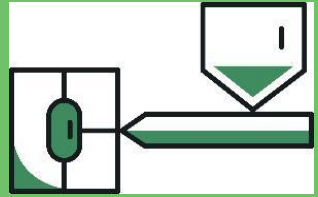
Step 4: Formulating

Formulations are created using approved lots of characterized material to meet customer end-use specifications. Certified Injectoblend™ material is approved for molding.



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AGS 6-Step Process



Step 5: Molding

Specially modified equipment; blenders, dryers, injection molding machines, etc. utilize predictive software to consistently deliver precise, shot-to-shot repeatability of molded parts.

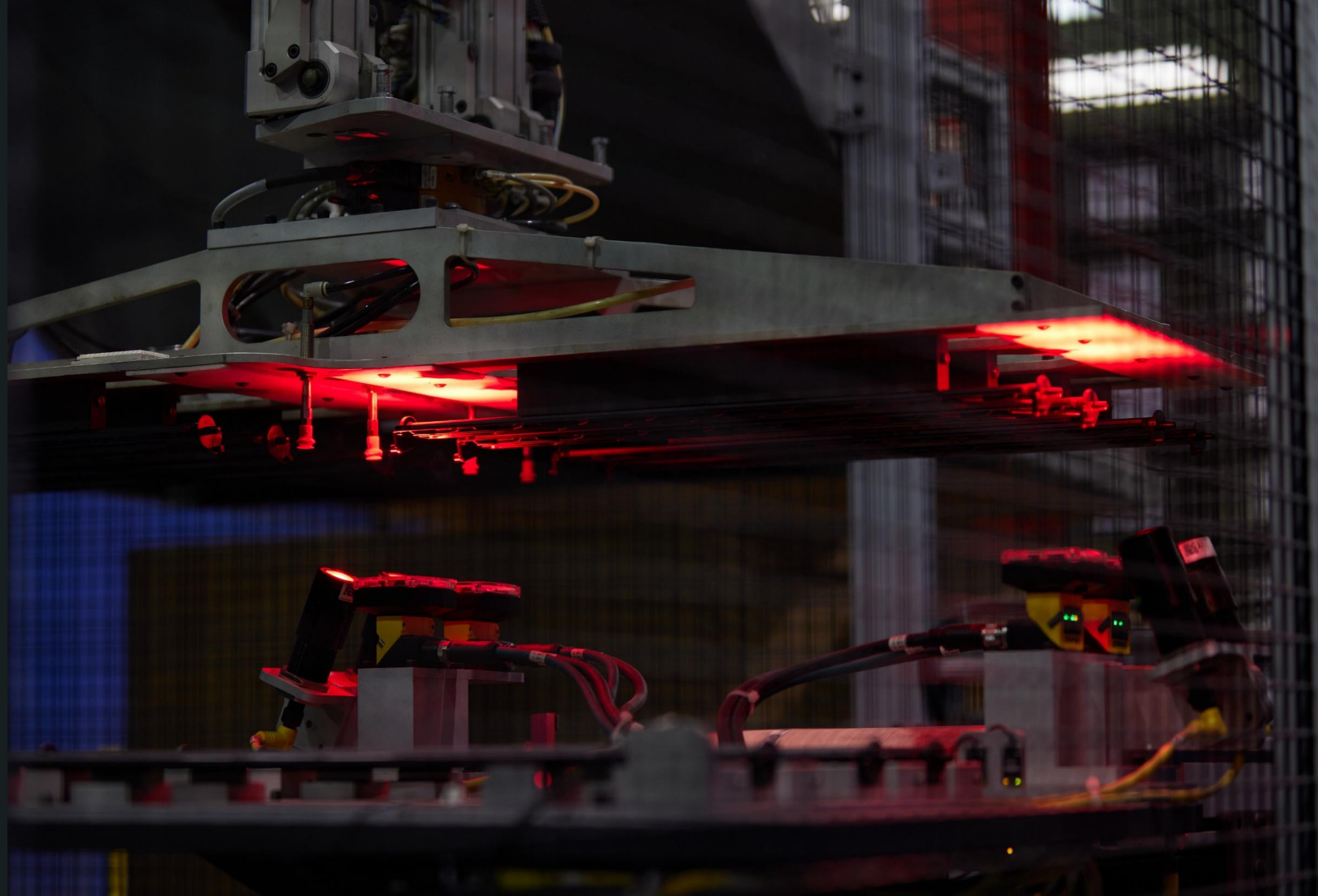


Step 6: Quality Control

Final parts are inspected to customer specifications before shipment. AGS has full lot traceability from part back to the material source.



AGS Advantages



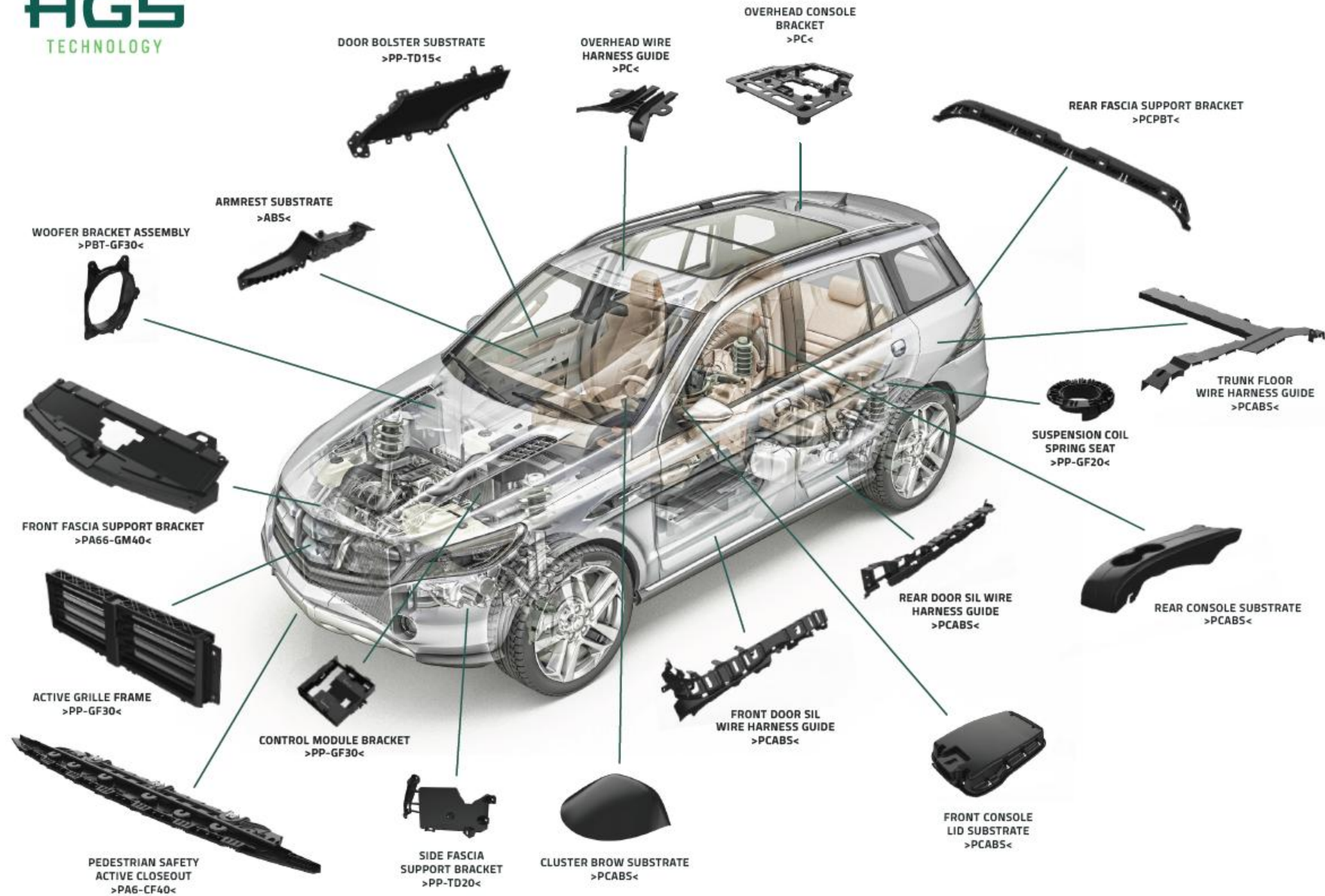
World Class Customers



30+ year track record supplying world class customers.

Automotive Applications

AGS
TECHNOLOGY



AGSTECHNOLOGY.COM

A sampling of molded parts that AGS made for Automotive customers

World Class Performance

On-Time Delivery 2024

99.13%

Parts Shipped 2024	36,004,196
Parts Defective 2024	52
Percent PPM 2024	0.00014%
PPM 2024	1.4

Customer Focused Metrics and Recent Performance Ratings

25+ Year Customer, Large Volume Tier One Automotive

450-800,000 parts per month - Overall Rating = Excellent = "A"

- On-time Delivery = 36/36 = 100%
- Quality Rating = 0 Rejected Components = 0 PPM
- Continuous Improvement Rating = 20/20 = 100%
- Service Rating = 20/20 = 100%

20+ Year Customer, Large Volume, Industrial Products

Over 1,000,000 parts per month – Overall Rating = "100"

- Logistics = 100/100, Delivery = 100/100, Service = 100/100, Quality = 100/100

Newer Customer, Launched 2022, Battery Electric Vehicle OEM

1st Vehicle Launch 2022– 50,000 parts – Overall Rating = 99.1/100 = "The Best"

- Quality = 100/100, PPAP = 8/8, Delivery = 100/100, EDI Compliance = Green

Recycled Content

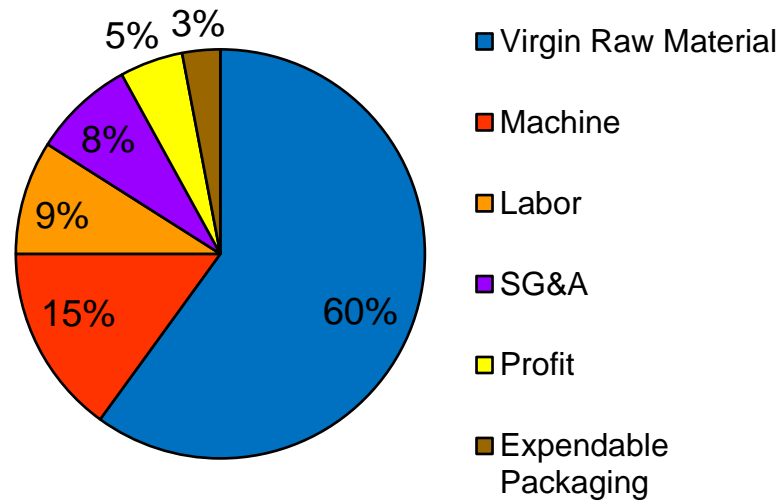


Certified Injectoblend™ materials are up to 100% recycled content and come from environmentally friendly post-industrial and post-consumer sources.

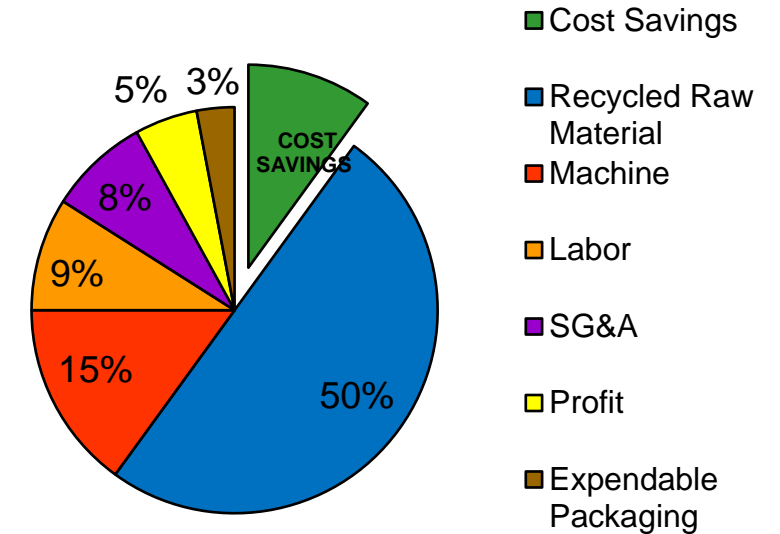
AGS also provides closed-loop recycling programs.

Cost Competitive

**Cost of a "Shoot and Ship" Part
Molded in Virgin Raw Material**



**Cost of a "Shoot and Ship" Part
Molded in AGS Injectoblend Raw Material**



Cost savings are possible depending on material chosen, application, and sourcing. We can maintain your current cost while hitting your recycling goals. We have often seen savings up to 20% versus virgin material.

IATF16949 Registered

CERTIFICATE OF REGISTRATION

intertek
Total Quality. Assured.

This is to certify that the management system of:

AGS Technology, Inc.

Main Site: 951 Douglas Road, Batavia, Illinois, 60510, USA
IATF USI Number: Y2YFWN

has been registered by Intertek as conforming to the requirements of:

IATF 16949:2016

The management system is applicable to:

Manufacture of Injected Molded and Assembled Parts from Recycled and Virgin Plastics.

Permissible exclusions include: Product Design

IATF Certificate Number:
0549073
Certificate Number:
2024-0514
Certificate Issue Date:
09 October 2024
Certificate Expiry Date:
08 October 2027



A handwritten signature in black ink, appearing to read 'Callin Moldovean'.

Callin Moldovean
President, Business Assurance

Intertek - 4700 Broadmoor, Suite 200,
Kentwood MI 49512, USA

AGS raw material and injection molding are IATF16949 registered. Quality is a cornerstone of our success!

Certified Minority Business Enterprise

THIS CERTIFIES THAT
AGS Technology, Inc.



* Nationally certified by the: **CHICAGO MINORITY SUPPLIER DEVELOPMENT COUNCIL**

*NAICS Code(s): 325211; 326199

* Description of their product/services as defined by the North American Industry Classification System (NAICS)

10/18/2024


Issued Date


CH02454

Certificate Number

09/30/2025

Expiration Date


**Ying McGuire
NMSDC CEO and President**


Debra Jennings-Johnson President / CEO

By using your password (NMSDC issued only), authorized users may log into NMSDC Central to view the entire profile: <http://nmsdc.org>

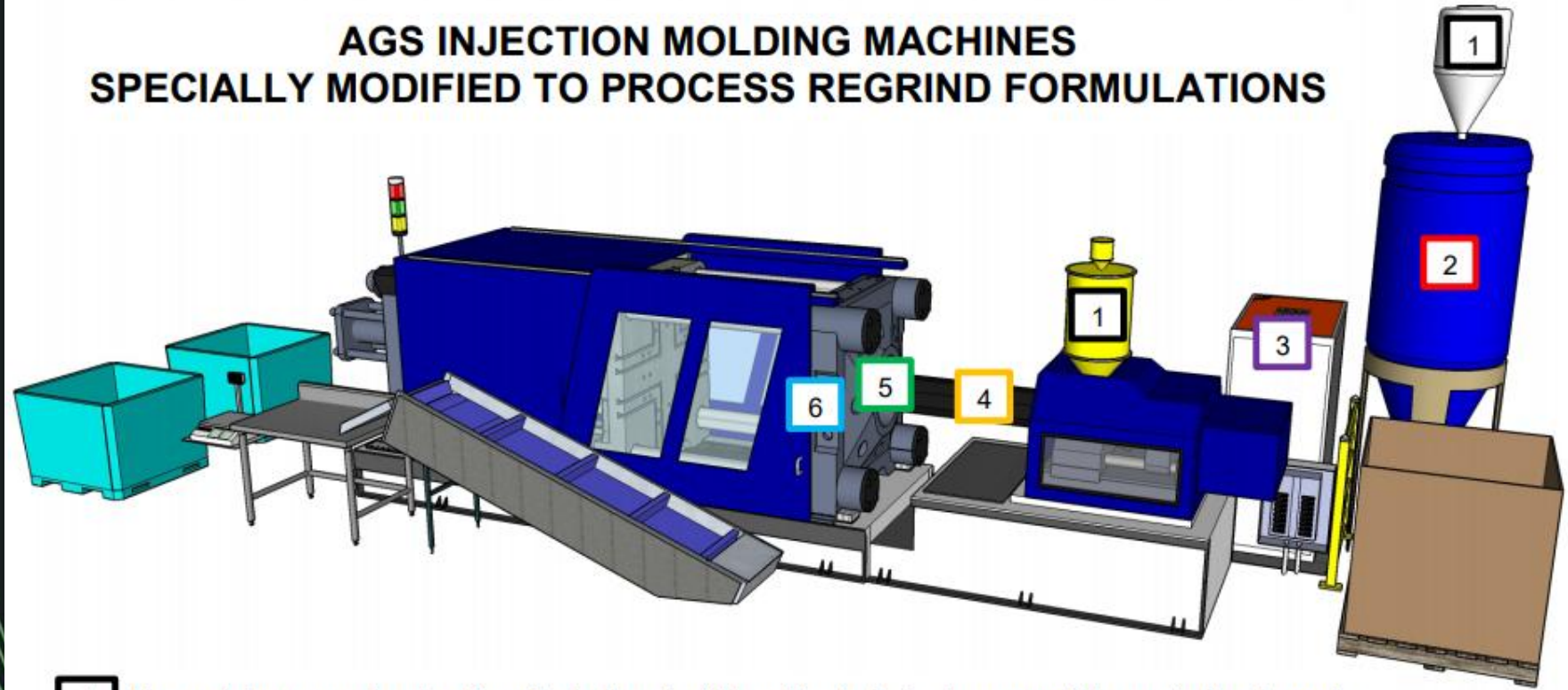
Certify, Develop, Connect, Advocate.

* MBEs certified by an Affiliate of the National Minority Supplier Development Council, Inc.®

As a certified minority business enterprise, AGS Technology can help with your corporate diversity and procurement goals.

Experienced Injection Molder

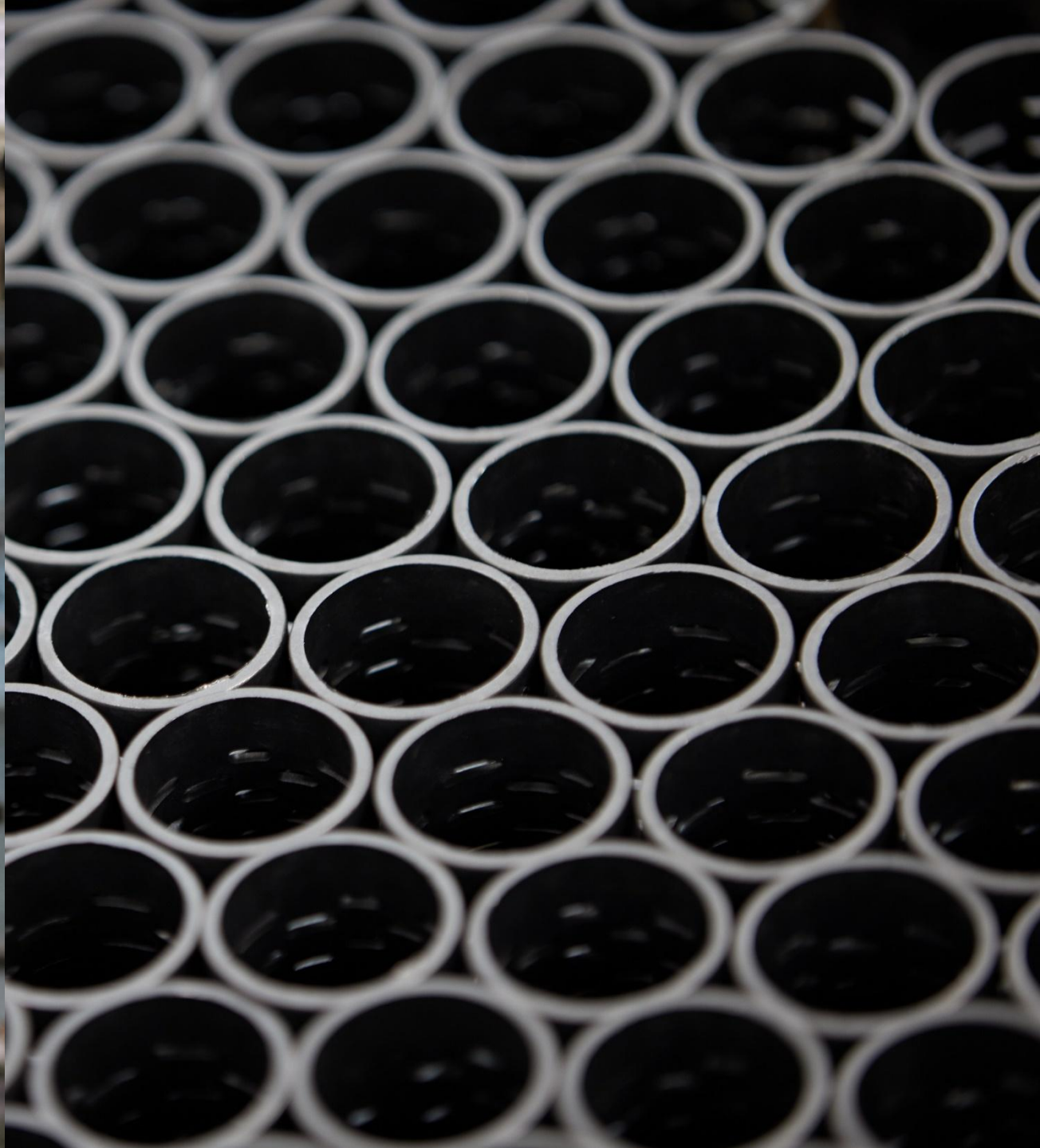
AGS INJECTION MOLDING MACHINES SPECIALLY MODIFIED TO PROCESS REGRIND FORMULATIONS



- 1** Heavy duty vacuum loaders from the bulk material handling industry to convey flake regrind and powder.
- 2** Oversized drying hopper to increase residence time for hygroscopic, irregular shaped regrind.
- 3** High heat desiccant dryer to maximize removal of moisture using low dewpoint at elevated temperatures.
- 4** Longer L/D barrel with custom mixing screw to optimize distributive mixing of recycled formulations.
- 5** Proprietary nozzle filters to screen unmelt and improve mixed color dispersion.
- 6** Advanced processing technology to automatically adjust and compensate for changes in viscosity.

AGS has 30+ years of experience working with virgin and recycled plastics to produce high quality injection molded parts on-time and competitively priced.

The Ideal Part



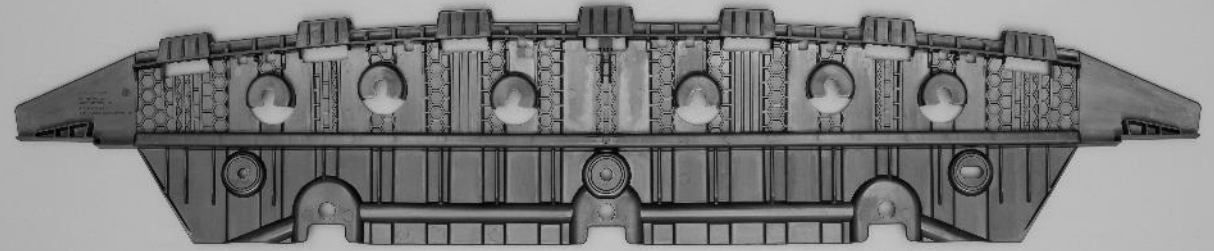
The Ideal Part for AGS has

Injectoblend™ resin candidates are:
PA6, PA66, PP, PC/ABS, ABS, PC,
Glass-Filled, Talc-Filled, etc.

Material intensive parts either through
large parts or high cavitation.

Cross-polymer substitution is a
specialty of ours – let us help you.

Closed-loop recycling to use your
material back into your parts.



AGS

TECHNOLOGY

Reliable. Resilient. Recycled.

Company ▾ Capabilities ▾ Injectoblend

Resources

AGS Company Info

[AGS Main Detailed Brochure](#)

[AGS Simplified Handout](#)

[AGS Powerpoint Presentation 2025](#)

[AGS Quality Policy](#)

Tooling

[AGS Tooling Standard](#)

[Estimating Injection Mold V](#)

[FAQ-Does My Tooling Require Recycled Plastic?](#)

Material Intensive Example 1: Part Weight

Water Tank Base

- Market – Water Management
- Expensive High Heat ABS
- One Cavity mold – 4 lb. part
- EAU = 25,000

Bottom Line = \$1.00/part savings

- \$25,000 total savings per year
- 12% cost savings vs. virgin

Added Benefits

- Improved field performance with cross-polymer substitute - PC/ABS
- Avoided virgin material price increase with high heat ABS



Material Intensive Example 2: Multiple Cavities

Pressurized Sprayer Handle

- Market – Lawn & Garden
- Expensive Acetal Co-polymer
- Eight Cavity mold – 0.03 lb. part
or $8 \times 0.03 = 0.24$ per shot
- EAU = 3,200,000

Bottom Line = \$0.015/part savings

- \$48,000 total savings per year
- 19% cost savings vs. virgin

Added Benefits

- Offshoring avoided due to being competitive with a US based supplier
- 100% recycled content



Injectoblend Material Substitution

Chrysler Pacifica Armrest Substrate

- Market – Automotive (Interior)
- Expensive 40% Long-glass Fiber PP
- 2LH+2RH cavity mold – 075 lb. part or 3 lb. per shot
- EAU = 90,000 for each hand

Bottom Line = Passed Validation Testing

- Original material was failing cross load validation testing. Injectoblend™ GF PA66 exceeded testing = no penalties

Added Benefits

- Nominated for SPE Environment Innovation Award
- Sustainability and Minority procurement credits towards FCA goals



Closed-loop Recycling

Drainage Lid

- Market – Water Management
- Commodity - HDPE
- One cavity mold – 1.5 lb. part
- EAU = 100,000

Bottom Line = \$0.15/part savings

- \$15,000 total savings per year
- 8% cost savings vs. virgin

Added Benefits

- Avoided landfill costs
- Maximized value of HDPE punch outs generated from drainage box with closed-loop molding into mating lid part



Questions and Discussion