

**SPECIALTY ENGINEERED MATERIALS
SPECIALTY PACKAGING SOLUTIONS**

**ADD WEIGHT AND AESTHETICS
TO YOUR LUXURY PACKAGING
CLOSURE DESIGNS WITH DENSITY
MODIFIED FORMULATIONS**



Consumers of luxury cosmetics and spirits tend to perceive added value from packaging that incorporates weight, aesthetics, and visual surface effects into the design. When designing with metals like aluminum, zinc, iron, steel, and other alloys, you may face processing challenges and complexity. Injection-moldable Gravi-Tech™ density modified formulations can help you achieve the evenly distributed weight, complex designs, and visual surface effects of metal without the extra costs and steps associated with die cast mold tooling or secondary assembly operations.

	GRAVI-TECH GT5200-0013	GRAVI-TECH GT6000-0004	GRAVI-TECH GT7300-0006	GRAVI-TECH GT5200-5003	GRAVI-TECH GT6000-5002	GRAVI-TECH GT7300-5007
Specific Gravity*	2.0	3.0	2.0	2.5	2.6	2.2
Color Options*	Various	Various	Black to Grey	Black	Various	Various
Electroplating	No	Possibly	Yes	Possibly	Possibly	Yes
Base Resin	PP	PA6	ABS	PP	PA6	ABS
FDA Compliant*	Yes	Yes	Yes	Yes	No	Yes
Region Produced	North America	North America	North America	Europe	Europe	Europe
Full Name	X GT5200-0013 PT WHITE	X GT6000-0004 PT WHITE	X GT7300-0006 PT BLACK	GT7300-5003 Black FD	GT6000-5002 EI White 1	GT7300-5007 X2 White FD

*Please contact PolyOne for additional information





HOW GRAVI-TECH MAKES THE DIFFERENCE FOR PACKAGING CLOSURES IN THE LUXURY COSMETICS AND SPIRITS MARKETS

FOR BRAND OWNERS

Create a weighted closure for a luxury brand product – Gravi-Tech is a high density, injection moldable material which can be as lightweight as plastic or up to four times as heavy as aluminum.

Achieve complex designs without expensive tooling – Gravi-Tech material can be injection molded into unique part shapes utilizing lower cost molds made of P20 or H13 steel.

Add visual surface effects and aesthetics without complexity – You can achieve various aesthetic appearances using Gravi-Tech material such as color variation, metallic finish, or marbling and swirling.

Use non-formaldehyde materials – Gravi-Tech materials are FDA compliant* and based on a non-formaldehyde formulation.

FOR CONVERTERS

Compete in premium markets – Gravi-Tech material's luxury aesthetics allow plastics converters to reach new markets by competing against aluminum, zinc, iron, or steel and other alloys.

Add weight while simplifying your processing steps – Simplify your manufacturing process by injection molding a weighted, finished part in one step rather than adding a metal weight.

Reduce the number of parts – By injection molding Gravi-Tech material, you will no longer need to assemble multiple parts to achieve added weight.

Evenly distribute the weight – Injection-moldable Gravi-Tech material provides consistent weight distribution across the packaging component.

To learn more, please visit polyone.com
or call **+1.866.POLYONE (+1.866.765.9663)**.

* Please contact PolyOne for additional information.

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