

Performance Polymers

FOR FENESTRATION



Geon[®]
PERFORMANCE SOLUTIONS



ENGINEERING WHAT'S POSSIBLE

With Geon®

Geon's global teams are built to answer and anticipate, engineering smart, sustainable and scalable solutions with world-class technical expertise and cross-functional thinking. We help bring bold ideas to life by collaborating with customers to outthink constraints, solve complex problems, and uncover what others can't see. Our fenestration material solutions are engineered with performance, aesthetics, resiliency, and sustainability in mind to help you meet customer needs.

ESG Commitment

Vantage Vinyl Gold Award
EcoVadis Gold Award
Annual energy audits
Recycling process refinements
RCMS certified

Portfolio Innovation

Durability
Resiliency
Energy efficiency
Aesthetics

Global Production

United States
Canada
Mexico
China



Geon[®]
PERFORMANCE SOLUTIONS

Design Services

Process engineering and
performance analysis
Optimize tooling design
Reduce start up time, time to market
and manufacturing costs

Regulatory Coordination

Meet complex safety and quality
standards
Reduce time to market
Navigate regulatory environment

Contract Manufacturing

Batch and continuous mixing
and extrusion
Reactive extrusion
Pilot-scale mixing and extrusion
Blending and drying
Color matching

Windows, Doors, and More

Geon's Engineered Solutions for a Variety of Demanding Applications.

Products/Components	Frame Substrates	Capstock	Ancillary	Glazing Beads	Gaskets & Weatherstripping
Geon Rigid PVC	●	●	●	●	
Geon Advex™ and Fiberloc® Composites	●		●	●	
Geon Duracap® PVC		●			
Geon Plus/Bold PVC Alloys	●	●	●	●	
Geon DURATHERM™ CPVC	●		●	●	
Geon Flex PVC					●
Resilience® PP	●		●		
Geon Polymax® TPE					●

Your Design, Our Solutions

Fenestration designers and manufacturers are empowered by Geon's full portfolio of product brands that balance performance, cost, and manufacturability. Deep material knowledge, regulatory acuity, and tool and mold design expertise by Geon's team allows you to hit your design targets with materials that matter.

Geon Rigid PVC

- Extrusion-ready melt strength for strong, long-lasting profiles
- Inherent flame retardance and chemical resistance
- Designed for outdoor or interior requirements
- Minimal maintenance

Geon Advex and Fiberloc Composites

- Ideal for structural components
- Glass and/or talc-reinforced systems for dimensional stability and stiffness

Geon Duracap PVC

- Exceptional weatherability, UV resistance, and long-term color retention
- Tough, scratch- and stain-resistant outer layer to protect window and door profiles while maintaining a premium finish

Geon Plus/Bold PVC Alloys

- Superior outdoor performance with excellent color hold
- Ideal for capstock and profile extrusion applications
- Geon Cool Pigment technology reduces solar heat build-up

Geon DURATHERM CPVC

- High heat distortion temperature up to 230°F (110°C)
- Enhanced flame, smoke, and chemical corrosion resistance

Geon Flex PVC

- Customized hardness range between 55 A - 40 D
- Service temperatures from -40°C to -90°C
- Excellent low-temperature flexibility and long-term durability

Geon Resilience PP

- Balanced stiffness, impact resistance, thermal stability, and durability
- UL94 HB compliance with custom UV and heat stabilization
- Grades available with up to 35% recycled content

Geon Polymax TPE

- Superior weather, UV, and chemical resistance
- Excellent sealing performance for fenestration applications



Choosing The Ideal Solution

WE HELP YOU ANALYZE YOUR OPTIONS AND CHOOSE THE RIGHT MATERIAL FOR YOUR APPLICATION.

Visit Geon.com for a complete line of products.

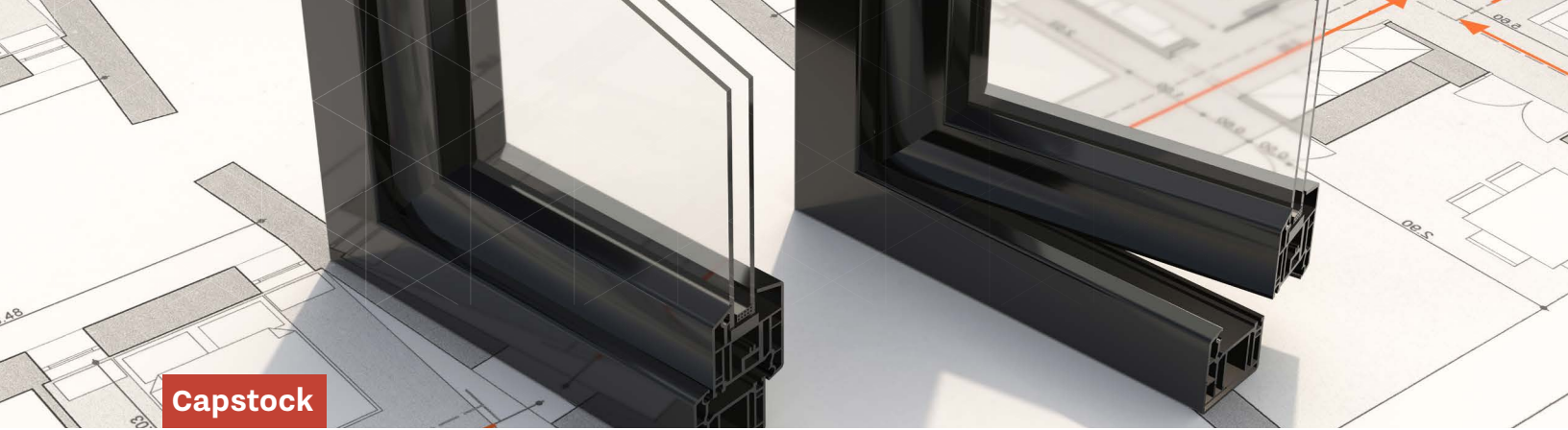


Frame Substrates/Monoprofiles and Ancillary

Product*	Forms	Color**	Weatherable	Processing	Key Features/Certifications
Geon Rigid PVC					
L7005	Cube	L>85	Yes	Extrusion	Impact
L7007	Cube	L>85	Yes	Extrusion	Impact, High Gloss, AAMA 303 3rd Party Cell Class Certified
L7022	Cube	L>60	Yes	Extrusion	Impact
L7035	Cube	L>70	Yes	Extrusion	Impact, Higher Melt Strength
L7450	Cube	L>60	Yes	Extrusion	Impact, AAMA 303 3rd Party Cell Class Certified
E7364	Dry Blend	L>70	Yes	Extrusion	Impact, AAMA 303 3rd Party Cell Class Certified
E7370 CT	Dry Blend	L>85	Yes	Extrusion	Impact
Geon Advex and Fiberloc Composites					
L6105	Pellet	Natural or Black	No	Extrusion	Low CLTE, Moderate Filler Level
L6122	Pellet	Natural or Black	No	Extrusion	Low CLTE, High Filler Level
L6124	Pellet	Natural or Black	No	Extrusion	Low CLTE, Higher Filler Level, Better Impact
LC8501 FM	Pellet	Natural or Black	No	Extrusion	Low CLTE, High Filler Level, Elevated HDT
Geon Plus/Bold PVC Alloys					
HTX LA426	Pellet	86>L>22	Yes	Extrusion	Elevated HDT
L4230	Pellet	86>L>22	Yes	Extrusion	Elevated HDT
Geon Duratherm CPVC					
LC510 HW	Pellet	White, Gray, Black	No	Extrusion	Elevated HDT
EC501	Dry Blend	White, Gray, Black	No	Extrusion	Elevated HDT
Resilience PP					
PP5530	Pellet	Custom	Yes	Injection Molding	Glass Fiber Composite
PP5930	Pellet	Custom	Yes	Injection Molding	Mixed System Composite
PP6135	Pellet	Custom	Yes	Injection Molding	Scratch & Mar, High Flow, Mineral Composite

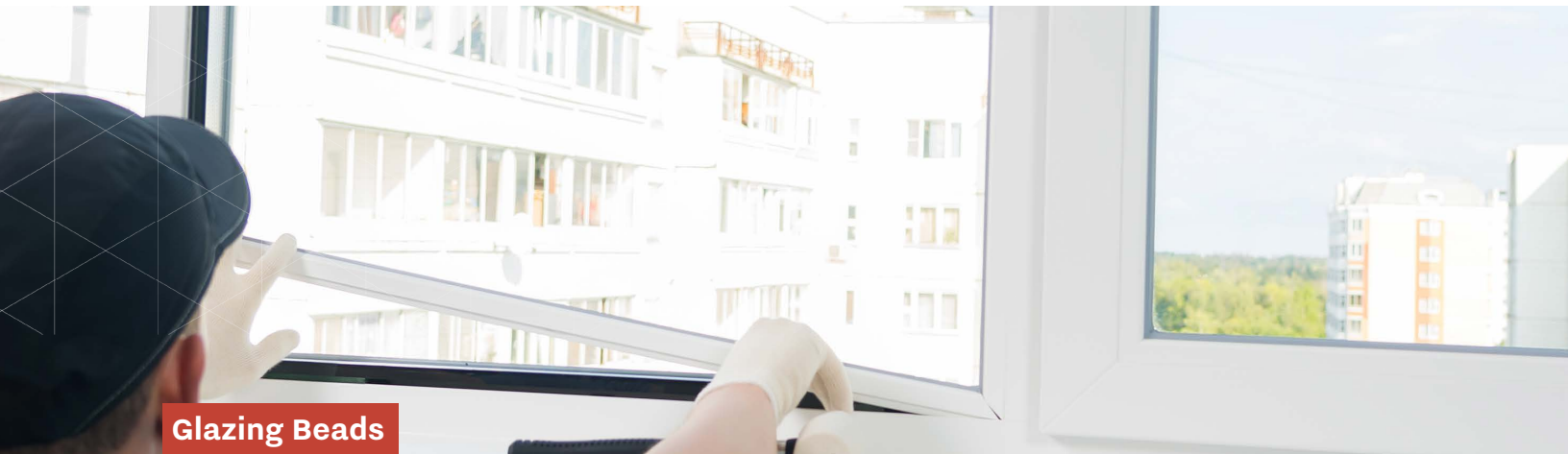
*High, medium, and low gloss achievable in any grade

**Color/weatherable for vertical orientation



Capstock

Product*	Forms	Color**	Weatherable	Processing	Key Features/Certifications
Geon Rigid PVC					
L7023	Cube	L>60	Yes	Extrusion	Impact, Low Viscosity
87850	Cube	L>85	Yes	Extrusion	Impact, Low Viscosity
85857	Cube	86>L>22	Yes	Extrusion	Impact, High Viscosity
Geon Duracap PVC					
86103	Cube	All	Yes	Extrusion	Low Gloss
83674	Cube	All	Yes	Extrusion	High Gloss
Geon Plus/Bold PVC Alloys					
HTX LA426	Pellet	86>L>22	Yes	Extrusion	Elevated HDT
L5710	Cube	All	Yes	Extrusion	Dry Sizing
L5802	Cube	All	Yes	Extrusion	Wet Sizing



Glazing Beads

Product*	Forms	Color**	Weatherable	Processing	Key Features/Certifications
Geon Rigid PVC					
L7005	Cube	L>85	Yes	Extrusion	Impact
06935	Cube	L>85	Yes	Extrusion	Impact, High Melt Strength, Low Die Swell
Geon Advex and Fiberloc Composites					
L6105	Pellet	Natural or Black	No	Extrusion	Low CLTE, Moderate Filler Level
L6122	Pellet	Natural or Black	No	Extrusion	Low CLTE, High Filler Level
Geon Plus/Bold PVC Alloys					
HTX LA426	Pellet	86>L>22	Yes	Extrusion	Elevated HDT
Geon Duratherm CPVC					
LC510 HW	Pellet	White, Gray, Black	No	Extrusion	Elevated HDT

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**Color/weatherable for vertical orientation



Gaskets/Weatherstripping

Product*	Forms	Color**	Weatherable	Processing	Key Features/Certifications
Geon Flex PVC					
BXXUB	Pellet	All	Yes	Extrusion	Hardness 60-90A, Sp. Gravity 1.25-1.35
BXXCA	Pellet	All	Yes	Extrusion	Hardness 60-90A, Sp. Gravity 1.25-1.35, Adhesion
CXXA0	Pellet	All	Yes	Extrusion	Hardness 70-90A, Sp. Gravity 1.4-1.45, Adhesion
CXXUB	Pellet	All	Yes	Extrusion	Hardness 70-90A, Sp. Gravity 1.4-1.45
Geon Polymax TPE					
D69XX Series	Pellet	Natural or Black	Yes	Extrusion	35-90 Shore A, Sp. Gravity 0.9-0.95
D68XX Series	Pellet	Natural or Black	Yes	Extrusion	35-90 Shore A, Sp. Gravity 0.95-1.05
D67XX Series	Pellet	Natural or Black	Yes	Extrusion	35-90 Shore A, Sp. Gravity >1.05

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**Color/weatherable for vertical orientation



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