

SPECIALTY FORMULATIONS	DESCRIPTION	APPLICATION
Advex	Lowest coefficient of thermal expansion (CTE)	Substrate
CPVC	Highest heat deflection temperature (HDT)	Substrate
GEON Bold	Superior outdoor performance with excellent color hold, even in the darkest shades. Uses Cool Pigment technology to lower solar heat build-up and keep surfaces up to 30% cooler. Outperforms ASA and PMMA in industry scratch resistance testing.*	Monoextrusion, capstock
GEON Cellular Core	State of the art formulation improves blowing agent dispersion to eliminate risk of separation over time or during transit. Exceptional performance resulting in increased strength and insulation properties. Formulated for stability in cycling temperatures and low maintenance on window part applications.	Monoextrusion or substrate



* Erichsen Cross Hatch testing

	ENHANCED PROPERTIES						COLORSPACE			GLOSS		PROCESS				FORM		
	BIOCIDE, ANTI-MICROBIAL, ANTI-FUNGAL	LOW COEFFICIENT OF EXPANSION	LOW SPECIFIC GRAVITY	HIGH ADHESION	HIGH HDT	OUTDOOR COLOR HOLD	WHITE/PASTEL COLORS	MID-DARK COLORS	DARKEST COLORS	HIGH/MEDIUM GLOSS	MATTE	EXTRUSION - MONO	EXTRUSION - CAPSTOCK	EXTRUSION - SUBSTRATE	INJECTION MOLDING	CELLULAR	DRY BLEND	CUBE/PELLET
WINDOW PART																		
Frame		•	•		•	•	•	•	•	•	•	•	•	•		•	•	•
Sash		•	•		•	•	•	•	•	•	•	•	•	•		•	•	•
Sill		•	•		•	•	•	•	•	•	•	•	•	•		•	•	•
Glazing Beads				•	•	•	•	•	•	•	•	•	•	•			•	•
Corner Keys & Clips					•	•	•	•	•	•	•				•			•
Jamb Liner		•			•	•	•	•	•	•	•	•	•	•			•	•
Muntin Bar		•			•	•	•	•	•	•	•	•	•	•	•		•	•
Brickmold, Casing		•	•			•	•				•	•	•			•	•	
Gasketing	•			•		•	•	•	•			•						•



1-888-910-0536
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GEON[®] VINYL WINDOW & DOOR



A COMPLETE BLEND OF STYLE & **PERFORMANCE**

With GEON's complete portfolio of GEON brand vinyl products for windows and doors, you can trust that your finished installations will be impeccable. Flexible and rigid vinyl, available in a variety of processing forms, cover the spectrum of needs from performance to aesthetics.

If aesthetically appealing windows and doors are your goal, our formulations are available in a full range of colors, from bright whites to the darkest darks. Materials can be crafted as high or medium gloss, or even matte finishes, for a custom look and feel to each part.

From base grades to advanced specialty technologies, our formulations cover performance demands for any window or door part. Whether you need UV resistance, impact resistance, energy efficiency or lower heat build-up in darker shades, there is a GEON vinyl solution for you.



**Whatever your processing needs,
we have you covered:**

- Cubes or Pellets for single screw equipment
- Dry Blend for twin screw machines

DESIGN & PROCESSING

Design flexibility, extrusion or molding options

SOLUTION: GEON Vinyl cubes, pellets or dry blends

SUSTAINABILITY

Energy efficiency, recyclability, long lasting

SOLUTION: GEON Flexible Vinyl

FLEXIBILITY

Low temperature resistance, low compression set

SOLUTION: GEON Flexible Vinyl

SPECIALTY SOLUTIONS

Sound efficiency, wind resistance, won't rot, formulated for process optimization

SOLUTION: GEON Rigid Vinyl



VERSATILITY

Corner welding for extruded components,
injection molded corner keys

SOLUTION: GEON Rigid Vinyl

STRENGTH & STABILITY

Wind and impact resistance

SOLUTION: GEON Flexible or Rigid Vinyl

AESTHETIC APPEAL

Custom colors, dark shades, paintable

SOLUTION: OnColor™ Colorants, GEON Bold Rigid Vinyl

DURABILITY

Chemical resistance, long service life, mold and mildew resistance

SOLUTION: GEON Flexible Vinyl

WEATHERABILITY

UV resistance, superior color hold

SOLUTION: GEON Rigid Vinyl including GEON Bold

DIMENSIONAL STABILITY

Low heat build-up even with dark colors, minimizes expansion & contraction

SOLUTION: GEON Bold Rigid Vinyl for darker shades