

## Adensa NVH 6006 Compound

Filled Heavy Layer Acoustic Barrier

**Description** Adensa 6006 is a low fog filled thermoplastic ethylene copolymer that provides acoustical sound barrier performance in automotive, construction, and industrial applications.

**Applications** Sheet extrusion for NVH applications

**Key Benefits**

- Extruded sheet acts as an acoustic barrier
- Formulated for thermoforming and die-cutting
- Pthalate-free alternative to Mass Loaded Vinyl (Filled PVC)

**Forms**

- Pelletized compound
- 1,000 lb. container, 3' x 3' x 5'

**Appearance** Black

Typical Properties*	Property	Nominal	Method
	Density	1.59 g/cc	ASTM D792
	Ash Content	60.2 %	ASTM D5630
	Tensile Strength	594 PSI	ASTM D412
	Elongation	> 500 %	ASTM D412
	Tear Strength	280 Lb-f/in	ASTM D624
	Hardness (Shore A)	91	ASTM D2240
	Hardness (Shore D)	40	ASTM D2240

\*Properties tested on a 0.039" extruded sample

**Adhesion & Lamination** Adensa 6006 is a polar material and can be extruded and laminated to most substrates without additional corona or flame treatment.

Processing Information	Extrusion	Value (English)	Value (SI)
	Extruding Temperature	360 - 400 °F	182 - 204 °C
	Drying Temperature	N/A	N/A
	Drying Time	N/A	N/A

Please contact your Highland Sales Representative to request regulatory information and safety data sheet.

**Disclaimer:**

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### Notes

Highland Adensa materials are high performance filled compounds formulated to meet a variety of OEM specifications. They are designed to be easy to process, and are available in more than 12 different off-the-shelf varieties.

Custom Adensa blends can also be formulated for your requirements.

Contact the Highland sales team to learn more at:  
[contact@highlandplastics.com](mailto:contact@highlandplastics.com)

### Disclaimer:

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