

Adensa NVH 6004 Barrier

Filled Heavy Layer Acoustic Barrier

Description Adensa 6004 is a low fog filled thermoplastic ethylene copolymer that provides acoustical sound barrier performance in automotive, construction, and industrial applications.

Applications Extruded sheets and rolls for NVH applications

Key Benefits

- Designed as an acoustic barrier
- Formulated for snap-fit applications, 6004 is a stiff material popular with die-cutters
- Pthalate-free alternative to Mass Loaded Vinyl (Filled PVC)

Forms

- Extruded sheets and rolls
- From 14" to 68" wide

Appearance Black

Typical Properties*

Property	Nominal	Method
Density	1.43 g/cc	ASTM D792
Ash Content	49.75 %	ASTM D5630
Tensile Strength	1290 PSI	ASTM D638
Elongation at Break	438 %	ASTM D638
Flexural Modulus	73 KSI	ASTM D790
Hardness (Shore A)	80	ASTM D2240-15

*Properties tested on a 0.034" extruded sample

Adhesion & Lamination Adensa 6004 is a polar material and can be extruded and laminated to most substrates without additional corona or flame treatment.

Processing Information

Thermoforming	Value (English)	Value (SI)
Forming Temperature	260 - 280 °F	126 - 137 °C

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

Disclaimer:

The information contained in this document is for informational purposes only and should not be used as a substitute for testing to ensure that this product is suitable for its intended use. It is the sole responsibility of the user to determine the suitability of this product for the uses and applications intended by the user or others, to ensure compliance with all federal, state, and local laws, rules, and regulations, and to obtain all necessary certifications, permits, and authorizations. All products supplied by Highland Plastics, Inc. or any of its affiliates or subsidiaries are subject to Highland Plastics, Inc.'s terms and conditions of sale. Highland Plastics does not make, and expressly disclaims, any warranty, express or implied, concerning the product, including the merchantability or fitness of the product for any particular purpose, or concerning the accuracy of any information provided herein. Nothing contained herein constitutes an offer for the sale of any product.

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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

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