AURORA GUARD™

PC/ABS Alloys

Get the toughness of polycarbonate combined with the ease of ABS processing.

When your spec calls for the best of both strength and machinability, AuroraGuard™ PC/ABS can deliver the versatility you need. From semi-truck bumpers to medical housings, from automobile consoles to baby seats, PC/ABS (polycarbonate/acrylonitrile butadiene styrene) compounds are amorphous, thermoplastics that possess outstanding impact strength and can be color matched to your needs.

Overcome ABS Heat Intolerance with a Blended Approach

As part of the AuroraGuard family, our PC/ABS compounds take advantage of the polycarbonate's toughness and combine it with the ease of processing that's inherit in ABS. At Aurora, we can customize to your specific application need. Our formula provides a host of benefits critical for many agricultural, appliance, automotive, custom, electrical, electronics, industrial, medical, recreation, and tools & hardware applications:

- Impact strength
- Heat resistance
- Custom Color
- Very good aesthetics
- Dimensional stability

AURORA Material Solutions™

For more information on products and services from Aurora Material Solutions, call us today at **330.422.0700** or visit us at **www.auroramaterialsolutions.com.**

Versatility in Processing

AuroraGuard PC/ABS can be provided unfilled or filled with specialized fillers, mineral or fiberglass reinforcement. They are available in flame-retardant grades (both non-halogenated and brominated), a wide range of melt viscosities, recyclable PC/ABS content, and ultraviolet (UV) stabilized grades for outdoor weatherable applications.

Part of the AuroraGuard™ Family

The AuroraGuard™ line of products includes a variety of high-performing compounds that are ideal for demanding applications. AuroraGuard compounds are known for their high-heat, low-smoke zero-halogen and flame-retardant properties and ability to be customized to each customer's needs.

Cutting Edge Compound Solutions

Aurora Material Solutions provides the technical knowledge and support to customize compounds to meet exact customer needs. Each new PC/ABS compound starts with a comprehensive review of your application. Contact us to engineer, test, manufacture and deliver a custom compound that will exceed your expectations and fit your budget. You can trust us to deliver an engineered thermoplastic compound to outperform comparable industry brands, backed by the knowhow and service of Aurora Material Solutions.

PC/ABS product family commercialized by Aurora Material Solutions complies with UL listing, FDA (Food and Drug Administration), UL listed (UL 94), REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) and NSF (National Sanitation Foundation).

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Our plants' quality management systems are certified to ISO 9001:2015.

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