



Product Technical Bulletin #25

Hood Material Update

As part of our efforts to improve quality, AirBorn is introducing a change in our material for the WTA, WTAX, WTD, and WTDX series hoods. The new material, Polyethylene, is described as follows:

Material:	Polyethylene, high density, 30% glass fiber reinforced
Color:	Gray
Heat Deflection Temperature:	270° F
Tensile Strength:	11,500 PSI
Flexural Modulus:	1,100,000 PSI
Water Absorption:	0.02%

In addition, Polyethylene offers the following enhancements compared to the original material (Nylon):

- Meets outgassing requirements for space applications.
- Can be laser marked.
- No flash during production.
- More dimensionally stable due to higher glass content.

Customers whose drawings require a change to add the new material will be notified by separate correspondence.

AirBorn is confident this new material represents a product improvement and will meet or exceed the performance of Nylon.

For additional information please contact our Marketing Applications group at 972-931-3200.