



## Ultramid® A3WG7 HP Fast and Pretty!

### Ultramid® A3WG7 HP: Exceptional Appearance, Improved Weld Strength and Higher Flow

BASF Engineering Plastics has developed a new high performing Ultramid® grade that provides exceptional value, especially for Automotive Powertrain Components like cylinder head covers. Ultramid® A3WG7 HP is a glass reinforced polyamide 66 grade that offers a black, glossy, resin rich surface appearance, along with a 7% increase in weld strength and has shown up to 30% higher flow rates. The amazing appearance adds to the stylized look of the engine compartment. The improved flow allows components to be manufactured on smaller, more economical equipment while contributing to a reduction in the overall manufacturing cycle time.

This grade was developed based on OEM and resin processors requirements reflecting BASF's strategic goal on "helping our customer be successful". Faster cycle time and using smaller injection molding machines also allows for lower energy usage thus reducing the overall carbon footprint, another benefit of using Ultramid® A3WG7 HP.



#### Features & Benefits:

- Enhanced appearance
- Faster cycle time
- Lower clamp tonnage
- Higher weld strength
- Lower cost part production
- More attractive components
- Stronger welds for more robust parts

Product Profile

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