



GS ASSOCIATES

An ISO 9001:2015 Company

PRODUCT DATA SHEET

HPF II F

FEATURES AND BENEFITS

HPF II F is a high-performance flour blend containing organic fiber for Investment Casting back-up slurries.

Slurries made with POLYBOND Backup and HPF II F have the following benefits:

- Excellent slurry for backup coats with improved edge buildup.
- Provides thicker shell build with reduced number of dips.
- Optimized slurry rheology with reduced drain times and fast drying to increase the foundry output.
- It is designed for faster shell buildup, reduce non-fills and autoclave cracking.

GENERAL DESCRIPTION

HPF II F is a Fused Silica based blended flour with high performance additives and organic fiber and has the following properties:

Very low coefficient of thermal expansion & Low thermal conductivity
Superior Heat Resistance & Chemical Resistance
Pure (high SiO₂ content, low Fe, Na, K & Ti)
Consistent Chemistry
Crystallinity (Quartz+Tridymite+Cristoblite) 0.1% Max.



GS ASSOCIATES

An ISO 9001:2015 Company

HANDLING AND STORAGE

Proper protective equipment such as goggles and dust mask should be worn while handling the product.

Bags should be stored in a dry location protected from the elements. Typical shelf life of HPF II F is two years.

PACKING

HPF II F is packed and dispatched in 25 kg lined, woven polypropylene bags.

REMARKS

More information about the product and its usage can be provided by our technical support team. Contact us at sales@gs-associates.in