



inhance[®]

Inhance/Fluoro-Seal, Ltd.

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FACT SHEET

INHANCE[®] KF

Product Description: INHANCE KF fiber is an aramid fiber pulp that has been surface activated by a proprietary reactive gas process. Surface activation makes the fibers easy to disperse, and creates superior adhesion between the fiber and the surrounding polymer.

<u>Product Code</u>	<u>Fiber Type</u>	<u>Polymer</u>
INHANCE KF	Pulp	Aramid

Applications: Add INHANCE KF fibers to coatings, adhesives and sealants as a stable thixotrope for excellent viscosity control. Also INHANCE KF fibers added to urethanes, epoxies, polyesters (BMC, SMC) and other polymers create reinforced composites that capture the unique benefits of aramid while also experiencing enhanced dispersion and adhesion. Benefits include increased tensile strength, increased tear resistance, and superior abrasion resistance.

Physical Characteristics: INHANCE KF is a yellow fiber pulp. This fiber pulp is surface treated by a unique reactive gas technology, which prepares the surface for superior performance. INHANCE KF fiber has the following general properties:

Surface Energy:	55+ dynes/cm
Specific Gravity:	1.44
Bulk Density:	~ 5.0 lb./cu.ft.
Fiber Characteristics:	12 micron diameter
Fiber Length (avg.):	0.03 in.

For optimal performance, fibers must be opened. This can be accomplished by using adequate shear in mixing of compounds, or pre-opening in dry form by mixing with high-speed chopper blades or with fan blades.

Standard Packaging:

10 lb. cardboard box with lid and polybag insert

Call sales for other sizes