HUNTSMAN

April 8, 1997

Intrumentation Industries ATTN: Lori Zuravleff 2990 Industrial Boulevard Bethel Park, PA 15102 412-854-1133 FAX 412-854-5668

Dear Lori,

This letter is in response to your request of Huntsman Corporation to provide you with the FDA status information for Huntsman's polypropylene DH0500.

We can certify that Huntsman DH0500 complies with FDA 21 CFR 177.1520(c)(1.1) and can be used in applications involving food and beverage contact with no limitations. Huntsman polypropylene DH0500 is manufactured to exacting specifications for FDA use pursuant to FDA 21 CFR 177.1520(c)(1.1) and all other applicable FDA regulations covering additives used in this product's formulation.

This specification compliance is for the base resin, provided it is unmodified and used in accordance with good manufacturing practices. We recommend that the use of Huntsman's DH0500 is safe and suitable for its end use application(s). If you have any questions please contact me, (757) 494-2673.

Sincerely, 4/8/97

Scott A. Sonier

Coordinator, Product Stewardship



HO-500

DESCRIPTION:

Homopolymer

FEATURES:

APPLICATIONS:

Injection Molding: General Purpose

Melt Flow Rate	5	g/10 rnin.			D 1238
Density	0.90	g/cm³		, ,	D 1505
Tensile Yield Strength Yield Elongation	36 8	MPa %	5200 8	psi %	D 638
Flexural Modulus 1% Secant Tangent	1350 NA	MPa	196 NA	kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	92	°C	198	٥F	D 648
Rockwell Hardness			108	R	D 785
Notched Izod @ 23°C	30	J/m	.6	ft-lb/in	D 256
Gardner Impact @ 23°C	7	J	60	in-lb	D 5420

Dec-03

Regulatory FDA – 21CFR 177.1520 c 1.1 UL 94HB USP Class VI



HUNTSMAN CORPORATION

3040 Post Oak Boulevard • Houston, Texas 77056 • 713-235-6000 • Fax 713-235-6416 • www.huntsman.com

The data and information represented herein refer to typical values obtained in our laboratories by the methods or apparatuses indicated, and should be so considered. Since processing variables are a major factor in product performance, this information should serve only as a guide. Since customers' testing conditions are outside our control, the reproducibility of our data in a customer's testing facility is not guaranteed. There is no implied warranty of merchantability or fitness for a particular purpose. Establishing satisfactory performance of the resin for the intended application is the customer's sole responsibility. No warranty is given concerning the existence or non-existence of any patents claiming any pertinent subject matter presented herein. The Company assumes no obligation, express or implied, or liability for