



WARP BROTHERS

Pioneers in Plastics • Established 1924

4647 W. AUGUSTA BOULEVARD • CHICAGO, ILLINOIS 60651 • (773) 261-5200

Mr David Sefcik
David.sefcik@nist.gov

January 22, 2018

Dear David,

Thank you for asking for my comments on your proposed clarification on Handbook 130 Section 2.13 and Handbook 133 Section 4.5. I am in agreement with both of your revisions, they make good sense. We have been following these procedures for almost 20 years.

In paragraph 2.13.4, I would suggest that you consider adding an example of a product that weighs less than a pound. We make several sizes of polyethylene drop cloths in that category that we declare in ounces to one or two decimals, such as 8.27 ounces or 11.5 ounces.

Also, in paragraph 2.13.4, please consider adding Low Density Polyethylene plastics (LDPE) to the sentence assigning a minimum density of .920. Both LDPE and LLDPE are in the same density category.

I have another comment, but this will probably not be persuasive. Regarding requiring United States manufacturers to recognize the language in the French *Le Systeme International d'Unites (SI)* units as primary may be confusing to the average American citizen. I surveyed 20 associates in my office if they knew how many kilograms they weighed and how tall they were in centimeters, and not one could answer. Even my 16 year old granddaughter, an honor student, couldn't answer.

Our company, Warp Brothers, has been extruding polyethylene sheeting since 1955. I have been here 48 years, after serving in Vietnam, and am still active in the operation. I attended my first NCWM meeting in Gaithersburg in 1984, when there was an overwhelming number of polyethylene manufacturers cheating on the weight of rolls of poly sheeting. With the help of NCWM, the precursor to NIST the NBS, and the individual States Weights and Measures Departments, the industry was cleaned up and created a more level playing field.

Sincerely yours,

Harold G. Warp
President
hwarp@warps.com