

Plastic Resins Used In MicroDose Manufacturing

LDPE	Our standard plastic resin is a Low Density Polyethylene that is suitable for cosmetics, food products, and medical products. This resin is formulated with no slip or antiblock level.
FDA Status	Our LDPE resin may lawfully be used in food contact applications under FDA regulations at 21 CFR 177.1520 (c) (2.2)
Benefits of LDPE	Our LDPE resin is beneficial for the MicroDose design due to its flexibility. This resin presents the best option for finger-squeezed dispenser bulbs. Other resins such as polypropylene or HDPE are too stiff for adequate squeeze-ability.
HDPE Blend	Our HDPE/LDPE Blend provides an alternative to our standard LDPE. This resin conforms to the same manufacturing standards and FDA regulations as our LDPE, but provides better barrier property. It is slightly stiffer and cloudier in appearance than our LDPE.