Standard Canister Storage

Statasys does NOT include an expiration date on its thermoplastic materials. Our prior guidance of “best used within 3-years from the manufacturing date” has been deemed unnecessary as thermoplastics typically do not degrade over time unless exposed to high temperatures, UV, ozone, or other adverse environmental conditions.

To maintain the material in its optimal condition, Stratasys recommends that the material be stored in its original packaging in a cool (65 – 75 ºF), dry environment (<50% RH). Canisters, cartridges, and spools should be sealed in its mylar bag before use. After the packaging is opened, it should either stay loaded in the machine with the air-dryer system constantly purging moisture from the filament lines, or the product should be re-sealed, returned to its original packaging and stored in a cool, dry environment.

If material cannot be stored under optimal conditions (see ranges above) it is recommended that a moisture test be performed, and drying process implemented to ensure that the moisture level is below 0.04% moisture prior to printing.

At Stratasys, we are committed to ensuring the quality and consistency of your material supply. If you have questions regarding the changes noted above, please contact your local reseller or a Stratasys Technical Support Specialist.