

# TECHNICAL DATA SHEET

## LESSCO BIOTECH 1

# LESSCO

REVISION DATE: 1/08/24

|                           |                                     |
|---------------------------|-------------------------------------|
| PRODUCT NAME              | LESSCO BIOTECH 1                    |
| MANUFACTURER              | Fiberplast                          |
| Color                     | White / Beige                       |
| Texture                   | Smooth white pellets                |
| Size                      | 3-5 mm Pellet                       |
| Boiling Point             | N/A                                 |
| Process Temperature       | >170-195°C                          |
| Melting Temperature       | >130-175°C                          |
| Decomposition Temperature | >255°C                              |
| Ignition Temperature      | >250°C                              |
| Relative Density          | 0.99-1.5 g/cm <sup>3</sup>          |
| Bulk Density              | 0.79-.88 g/cm <sup>3</sup>          |
| Melt Flow Rate (MFR)      | 5.17 g/10min ASTM D1238 190°C 5.0Kg |
| Tensile Strength Test:    | 22.8KgF*cm-2/ 2235.92 KPa ASTM D628 |
| Solubility in Water       | 0                                   |



**LESSCO**  
ADITIVO  
BIOTECH 1

### COMPOSITION

Biodegradable technology additive pellet for resins: Polypropylene, Polyethylene, EVA.

Polyethylene and Additives

Biodegradable agent and biogenic filler.

### CHARACTERISTICS

High Temperature Resistance

< 100°C

Cooling Range

-60 a 0°C

Usage

Biodegradable additive for thermoplastics; it is recommended to add 1-2% to the mix.

Storage Conditions:

Store in a dry place without direct sunlight exposure. It is recommended to store the material in its original packaging or in closed containers that are dry and out of sunlight exposure.

Oil and Water Test:

Insoluble in both substances

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### CERTIFICATIONS



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