



# Terraloy™ MB-13000A

Teknor Apex Company - Thermoplastic Starch + PP

## General Information

### Product Description

Terraloy MB-13000A is a Thermoplastics Starch/PP masterbatch that contains up to 50% of TPS renewable content. Impact PP melt index (L) in the masterbatch is 20. This compound is for Injection molded application. Recommended letdown ratio with PP is 1:1.

### General

|                   |                                          |                             |                 |
|-------------------|------------------------------------------|-----------------------------|-----------------|
| Material Status   | • Commercial: Active                     |                             |                 |
| Availability      | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |
| Features          | • Renewable Resource Content             |                             |                 |
| Uses              | • Masterbatch                            |                             |                 |
| Forms             | • Pellets                                |                             |                 |
| Processing Method | • Injection Molding                      |                             |                 |

## ASTM & ISO Properties <sup>1</sup>

| Physical                                  | Nominal Value | Unit     | Test Method |
|-------------------------------------------|---------------|----------|-------------|
| Specific Gravity                          | 1.10          |          | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 5.4           | g/10 min | ASTM D1238  |
| Biobased Content                          | < 50.0        |          |             |
| Thermal                                   | Nominal Value | Unit     | Test Method |
| Peak Melting Temperature                  | 329           | °F       | ASTM D3418  |
| Additional Information                    | Nominal Value | Unit     |             |
| Let Down Ratio - with PP                  | 1:1           |          |             |

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.