



SG40-HC

Biodegradable biocomposite for injection moulding.

Applications

Short life products, toothbrushes, phone cases, etc

Suitable for

Injection moulding parts

MFI (g/10 min)	4,76
Tensile Strength (Mpa)	16,19
Young Modulus (Mpa)	1136,36
Strain (%)	5,58
Impact Strength (kJ/m2)	9,2
Biodegradable	Yes*
Home Compostable	Yes*
Food safe	No
Renewable content	75-80%

*Tested, uncertified.

Processing recommendations

Safety Precautions:

- Processing at a melt temperature not higher than 190C
- Processing with adequate ventilation

Handling:

- Keep package sealed until use.
- Reseal opened package directly after use.

Drying:

- Compounds should be tightly sealed, kept away from open air and pre-dried (temperature 80C for over 5 hours) to moisture content of less than 1,000ppm prior to injection moulding.

Delivery & Storage:

- Supplied in 25kg bags.
- To be stored in a dry place, protected from heat and direct UV radiation.

Equipment:

- Granulous SG6040-H are designed for standard equipment.

Interruption & Shut-down:

- Never leave product in the extruder for extended periods of time, e.g. overnight.
- Interruption for a considerable time, slow down screw speed to 5 rpm.
- For a longer period, purge with suitable polymer.

Processing temperatures

