GOLDEN COMPOUND 🌔 green

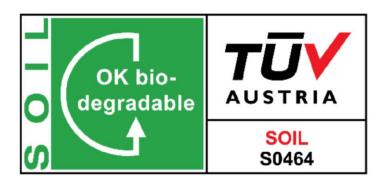
Material Data Sheet

GC green 3092 MIF

Compound with 30 wt% natural fibers derived from sunflower seed hulls. Certified with OK Biodegradable Soil.

Fibers derived from sunflower seed hulls are a side product of sunflower oil production. They are GMO free, do not compete with the foodchain and do not require additional areal. Golden Compound green has a lower carbon footprint than the materials it is targeted to replace.

Mechanical Properties			
Property	Norm	Units	Value
Density	ISO 1183	g/cm ³	1.3
MVR	ISO 1133 (190 °C/5 kg)	cm ³ /10 min	16
E-Modulus	ISO 527	MPa	880
Tensile Strength	ISO 527	MPa	15
Elongation at break	ISO 527	%	9.3
Charpy unnotched 23 °C	ISO 179/1eU	kJ/m ²	23.6
Charpy notched 23 °C	ISO 179/1eA	kJ/m ²	7.3
Thermal Properties			
HDT B	ISO 75-1 (0.45 MPa)	°C	60
Processing Guidelines			
Melt Temperature		°C	150 - 170
Mold Temperature		°C	20 - 60
Drying Temperature		°C	80
Drying Time		h	4
Maximum Moisture Content		%	0.04



All properties are typical properties only, not to be construed as specifications. Users should confirm results by their own tests. Published December 2021 ©Golden Compound GmbH

