

Evolvecomp™ materials are biocompatible composite materials composed of bioresorbable matrix polymer reinforced with ultra-thin bioresorbable and bioactive natural mineral glass fibers. Evolvecomp™ materials are manufactured by using the ABMcomposite technology that ensures good adhesion between the matrix polymer and reinforcing fiber.

## Description

Composite pellet composed of 92L/8DL PLA and bioresorbable glass fibers, IV 2.0

Property, Test Condition	Specification	Test method
<b>Specification</b>		
Appearance, colour	Opaque white, white	Visual
Appearance, shape	Pellets	Visual
Inherent viscosity of polymer	≥ 1.6 dl/g	Microviscometry
Residual lactide monomer content	≤ 0.5 wt-%	Gas Chromatography (GC)
Glass content	40 ± 5 wt-%	Ignition loss
Total heavy metal content	≤ 10 ppm (minus Sn)	ICP-MS
Tin content	≤ 100 ppm	ICP-MS

Certificate of analysis is provided for each batch, showing the analytical results.

## Packaging

Pellets are packaged in to a double polymer pouch. Outer pouch contains aluminum barrier layer. Maximum amount in a package is 1 kg.

## Storage and Handling

Pellets to be stored below or at -15 °C temperature.

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