

e-shell 2xx, 30xx series for earpieces

Instructions for use

English

Description:

e-shell (2xx, 30xx series) are light curing materials for additive manufacturing of individual hearing aid shells. The materials are adjusted for the DSP® System (Digital Shell Printer) by Envisiontec GmbH.

Ingredients:

Acrylates-/ methacrylates; photo initiators; dyes; absorber.

Indication:

Manufacture of individual precise hearing aid shells without integrated face plates.

Indication	Type
Hearing aid shell	e-shell 200, 201, 202, 203, 204, 205, 3002, 3003

Maximum wall thickness of hearing aid shells: 1,2 mm.

Contraindication:

Patient and user: Products out of e-shell must not be used if an allergic reaction to any of the ingredients is known.

Interactions:

No interactions have been observed.

Secondary effects:

Patient and user: Product may cause allergic reaction.

User: Disregarding of warning notes unpolymerized material may cause skin, serious eye and respiratory irritation.

Warning notes:

Contain acrylates and phosphineoxide. Pay attention to safety data sheet. Avoid breathing vapours and contact respectively wear protective gloves, protective clothing, eye protection. If on skin: wash with plenty of water. If skin irritation occurs: Get medical advice. Material is harmful to environment, avoid release to the environment

Storage instructions:

Protect from light. Self-polymerisation is possible. Do not use after shelf life. Store between 5°C and 30°C.

Disposal instructions:

Dispose of contents/ container in accordance with local regulation.

Delivery unit:

Container of 1 kg

Symbols:



LOT number



Follow instructions for use



Shelf life



Protect from sunlight.



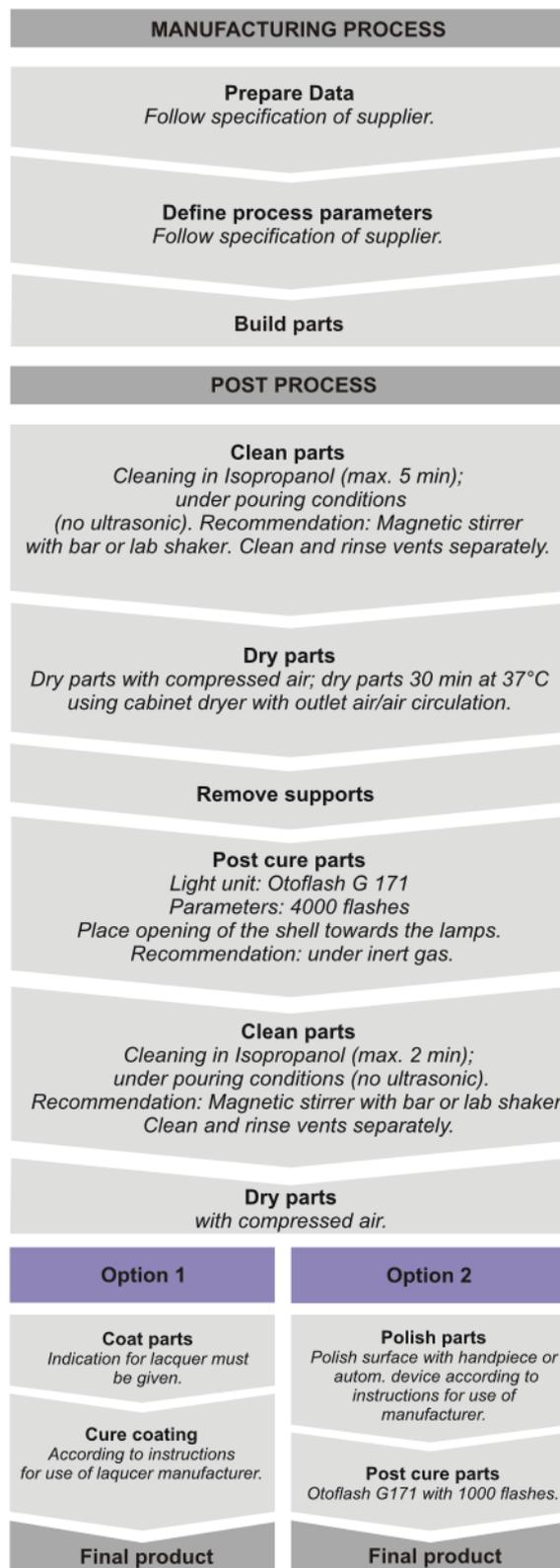
Temperature area

Material parameters:

e-shell series	Light source	Voxeldepth
2xx series	VIS	100µm
30xx series	UV	100µm

Building parameters must be chosen according to the guidelines of the machine manufacturer and have to ensure sufficient adhesion of layers.

Manufacturing Process:



Notices:

The final properties depend on the post process. The post curing is adjusted to the light curing unit Otoflash G171 with/ without inert atmosphere. Using an alternative light source could affect the end properties of the product. Please notice that the light sources need a routine maintenance following the manufacturer instructions.

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