

e-shell 3xx, 5xx, 600 series for earpieces

Instructions for use English

Description:

e-shell (3xx, 5xx, 600 series) are light curing materials for additive manufacturing of individual hearing aid shells and/or earmolds. 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 and/or earmolds.

Indication	Type
Hearing aid shell	e-shell, 302, 303, 306, 307, 501
Hearing aid shell/ earmold	e-shell 300, 300B1, 301, 301B1; 308, 309, 310, 500, 600

Maximum wall thickness of hearing aid shells: 1,2 mm.
Maximum wall thickness for e-shell 500: 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.

User: Adolescent and expectant mothers must not come in contact with unpolymerized material.

Interaction:

No interactions have been observed.

Secondary effects:

Patient and user: Product may cause allergic reaction.

User: Disregarding of warning notes unpolymerized material may damage the unborn child and suspected of damaging fertility, may cause skin, serious eye and respiratory irritation.

Warning notes:

Contains Tetrahydrofurfurylmethacrylat, acrylates and phosphine-oxides. Pay attention to safety data sheet. Avoid breathing vapours, use extraction unit. Avoid 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.

Symbols:



LOT number



Follow instructions for use



Shelf life



Protect from sunlight



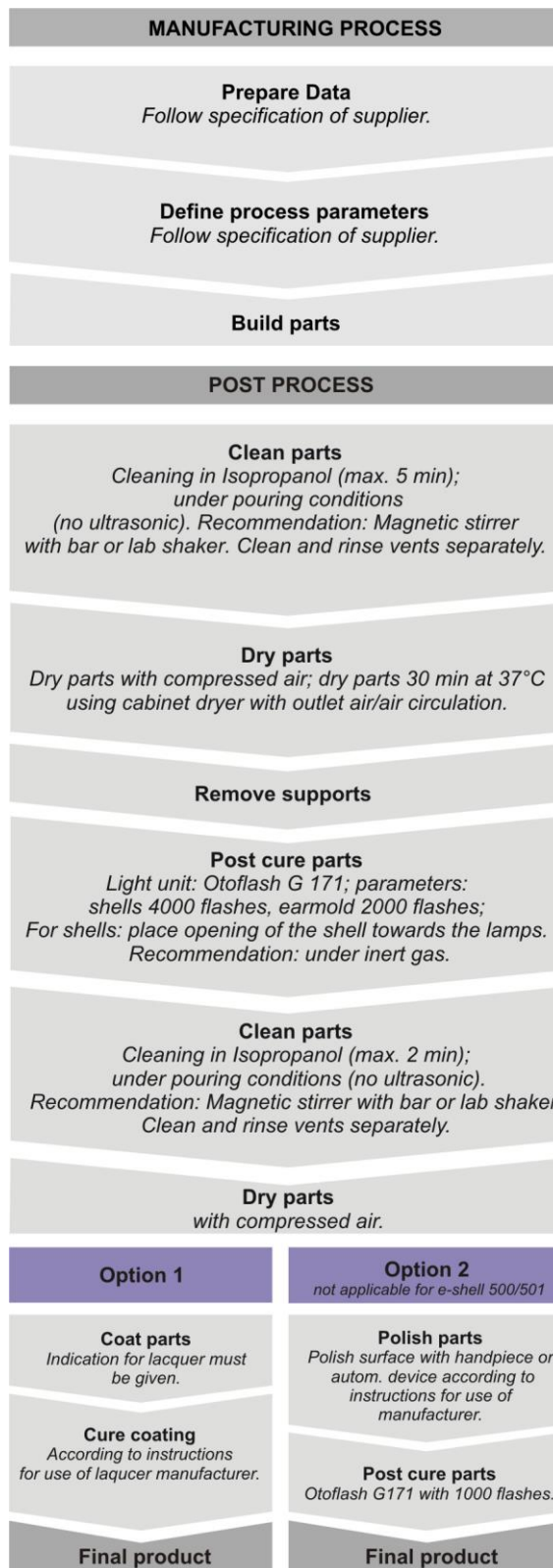
Temperature area

Material parameters:

e-shell series	Light source	Voxel depth
3xx series	UV	100µm
600	UV	100µm
5xx 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

Delivery unit: Container of 1 kg



Manufacturer
DeltaMed GmbH
Raiffeisenstraße 8a
D-61169 Friedberg
Fon: +49 6031-7283-0
Fax: +49 6031-7283-29

Sales & Distribution
Envisiontec GmbH
Brüsseler Str. 51
D-45968 Gladbeck
Fon: +49 2043-9875-0
Fax: +49 2043-9875-99