



Design by Claus Jacobsen

NatureUrn®

Nordmark Jacobsen ApS

- Family Company
- Designs and markets nature friendly products for the funeral industry
- Innovative products in biopolymer
- Industry leading partner
SP Moulding A/S





- SP Group is a leading supplier of injection moulded products for the manufacturing industry
- ISO 9001 & 14001 Certified
- SP Group assures high quality and supply safety and environmentally friendly manufacturing.
- www.sp-group.dk
- www.spmoulding.dk





Plastic solutions for our customers

About SP Moulding

References

Development

Quality & Environment

Capabilities

Technology

Quality

Project Management

Design

Casestories

LifeStraw

Heart and organ scanner

Acid resistance

Nature Urn

Metal substitute

Tools

Sourcing

Development

Environmentally friendly innovation

Danish Natur Urne® is proof that innovative and unorthodox thinking can result in very exciting solutions when it comes to developing new products.

Biodegradable plastic material

The urn is developed in cooperation with Nordmark Jacobsen ApS, where SP Moulding has produced a special, biodegradable plastic material. A plant-based material that degrades in less than 10 years buried in the ground. Production in Denmark ensures a minimal CO2 contribution, and Natur Urnen® is thus a highly environmentally friendly product.

Nature Urn ®

Result:
Nature Urn® - degrades
in less than 10 years



We set out to make a biodegradable urn with the high quality and functionality of a permanent urn at an attractive price.



We studied existing biodegradable urns to develop the NatureUrn

We looked at:

- Design Classic vs. Untraditional
- Sturdiness
- Functionality
- Tested vs. untested materials
- Biodegradability of material (PLA in some urns require 58°C to biodegrade)
- For scattering, can the urn be opened
- Leak proof
- Lid loose or solidly attached when closed
- Overall quality

NatureUrn®

A real alternative to traditional urns

- Tight closing lid that can be opened for scattering
- Tested by NovaMont to biodegrade within 7-9 years
- Consistent high quality, manufactured at SP Moulding A/S, an ISO 9001 / 14001 facility in Denmark
- Urn material specially developed by our company in collaboration with SP Moulding.
- Nature friendly & vegetable based



NatureUrn®

Developed in consultation
with the Danish funeral
industry, casket
manufacturers and
crematoriums



NatureUrn®

Permanent Urn

Biodegradable when
buried

Closure suitable for
Scattering

Air Transport, can be
X-Rayed.



Green Burial

- The NatureUrn® is environmentally friendly and well suited for Green Burial
- Biodegrades completely in 7 to 9 years
- The urn is free of any harmful substances



Biodegradability

NatureUrn® Test Report

“Based on the results summarized in the report it is likely to be fully degraded within 7-9 years in soil at 5-6°C.”

(report available at www.nordmarkjacobsen.com)



Integrated Ribbon



5 litre



5 litre



3.5 litre

Featured in Industry Magazine



100% degradable bio-plastic urn developed in Denmark

The NatureUrn is made from a specially developed plant based, biodegradable material created in cooperation with suppliers in the industry.

Three years ago, Claus Jacobsen a boatbuilder, got the idea that he, together with his father and three brothers, he should produce and supply urns made from biodegradable plastic.

Being a boatbuilder who has designed and constructed a number of boats, Claus Jacobsen designed the urn himself. Now three years later the urn has been put into production and sales are well on their way. The cremation rate is rising world wide, and there has already been large interest in the NatureUrn in Northern Europe. The next step is the North American market, but China as well could become interesting.

The market is huge, and interest in the NatureUrn has been surprisingly strong. Claus Jacobsen is considering developing a pet urn as well.

Claus Jacobsen contacted the Danish plastic industry association Plastindustrien in 2008 for advice on how to turn the urn dream into a reality. Shortly thereafter a collaboration was established between the boatbuilder and last year's Plastic Price winner Flemming Christiansen of SP Moulding. Today the NatureUrns are injection moulded and supplied from the SP Moulding factory in Stoholm.

Plastindustrien

Nørre Voldgade 48
1358 København K
Tlf: +45 33 30 86 30
www.plast.dk

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NatureUrn®



Nordmark Jacobsen ApS

Europa

Claus Jacobsen

Hasselvej 13

2970 Hørsholm, Denmark

Tlf: +45 45 762066

cj@natureurn.com

www.nordmarkjacobson.com

North America

Rolf Nordmark Jacobsen

4181 Ranger Crescent

North Vancouver, BC

V7R 3K8 Canada

Tlf.: +1 604 366 9424

rnj@natureurn.com

www.nordmarkjacobson.com





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Nordmark Jacobsen ApS, Hasselvej 13, DK-2970 Hørsholm, www.nordmarkjacobsen.com