

# PLASTIC MATERIAL SELECTION AND TESTING BY NORNER

## Plastic material assessment and recommendation

There are huge amount of plastic materials and numerous manufacturing processes to choose from.  
Which material will result in the desired function and reliability over time for your product?  
Do you know the plastic material choices giving you the function you need?  
Do you need testing to confirm compliance to medical device requirements?  
With plastic materials knowledge, test methods and processing equipment Norner can be support you to achieve a superior product

Investment: NOK 30 000 (value NOK 120 000)

Duration of process: ~2 months

Delivered by Aleap

# PLASTIC MATERIAL SELECTION AND TESTING

Depending on your specific needs you will get the relevant plastic material expert support with Norner's extensive industrial experience.

The earlier you select your material; less failure may happen during manufacturing and when product is launched. Design for no failure is our key competence!

Typical service needs you may have:

- Choice of plastic material to meet intended function and quality for medical use
- Sustainable material choices and design for recycling
- Prototyping
- Testing mechanical and chemical strength of prototype
- Shelf-life testing, stress testing
- Alternative manufacturing process advice
- Analyze contaminants and purity in raw materials and final medical device plastic parts

# PRACTICALITIES

## Target group

Companies having product ideas or are in product development where the final product will include plastic parts

## Duration

Depends on the scope of the service to be given. Typical duration will be 2 months from kick-off to final delivery.

## Confidentiality

We understand that protecting your idea is critical to your business, so we'll ensure that everyone involved in the support of your company through this program is covered by a confidentiality agreement.

## Investment

Depends on the scope of the service to be given. Specific investment amount will be provided once service needs are received and clarified. Minimum investment NOK 10 000 (value NOK 40 000). Maximum investment NOK 30 000 (value NOK 120 000). Excluding VAT

# CONTENT AND SERVICE METHODOLOGY

1. Kick-off with Company and Norner where the goal is to get a common understanding of goals and working methods.
  - Meeting can be held via Teams or physical meetings.
  - The Company will present the product idea, drawings, intended use and other relevant information/requirement specification to the Norner team
  - Norner will participate with experts who will work with the delivery of the service requested
  - A list of service deliveries will be agreed
2. After the Kick-off, the Norner team will execute on tasks to deliver the services agreed. Responsibility: Norner
3. The services will be performed in close dialogue with the Company. Responsibility: Norner
4. A report will be created with documentation and recommendations. Responsibility: Norner
5. A few days after Norner sending the report to the Company a new meeting will be held where Norner will review the report and the conclusions in it. Responsibility: Norner