

# Rotors and Stators in Polyurethane INAPRENE®



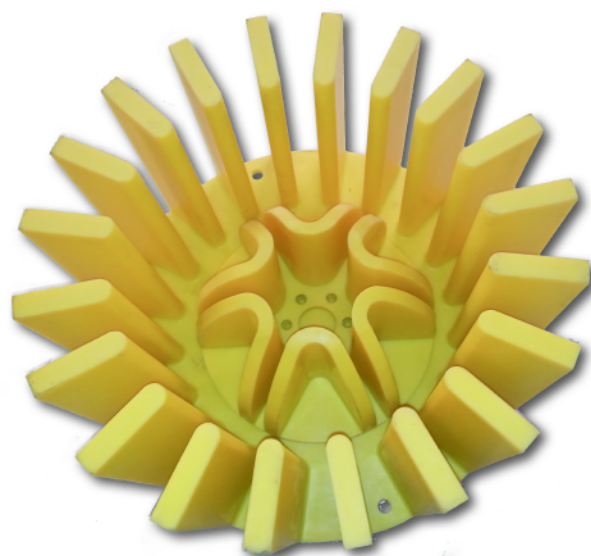
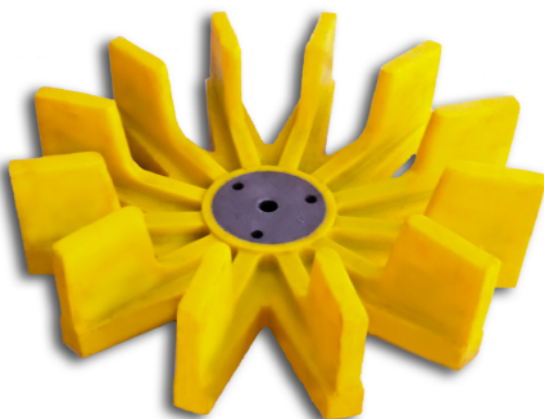
**inelas**  
Inelas Poliuretanos S.L.  
Fabricante desde / Manufacturer since 1966

## DESCRIPTION:

Rotors and Stators in Polyurethane INAPRENE® for flotation.

## APPLICATIONS:

- Recovery of sulphide copper minerals.
- Water cleaning with contents of grease or oils.
- Water cleaning for reuse.



## ADVANTAGES:

- ✓ Extraordinary resistance to abrasion. Very durable.
- ✓ High stability with regard to hydrolysis. Very good resistance to ageing.
- ✓ Excellent general behaviour in the presence of oils, hydrocarbons, solvents, acids and bases.
- ✓ Oxidation-free and minimization of corrosion.
- ✓ High resistance to cutting and tearing.
- ✓ Custom-made.
- ✓ Wide range of hardnesses and colours

inaprene®



# inaprene<sup>TM</sup>

## Polyurethane elastomer

INAPRENE<sup>TM</sup> is the generic trade name for the different polyurethane formulations that we produce.

Although the different formulations offer numerous options and great versatility, in general terms, the most significant properties are as follows:



**OWN PRODUCTION**

### PHYSICAL PROPERTIES



Extraordinary resistance to **abrasion**



Excellent **elasticity** even with high hardnesses and low temperatures



Good **tensile strength**, tear strength and shear strength



Great **load capacity**

### CHEMICAL PROPERTIES



Good stability in relation to **hydrolysis**, **weathering**, **ozone** and **microorganisms**



Good behaviour in the presence of **many diluted acids**, **oils**, **petrol**, etc.



Excellent **adherence to metals** in its manufacturing process



Great **chemical versatility** to optimize performance in numerous applications