

# SOMEFLU

## PUMP ADVANTAGES

### GENERAL ADVANTAGES

- Full range of centrifugal pumps manufactured out of synthetic raw materials or stainless steel for any kind of corrosive or abrasive fluids (from 1 to 1500 m<sup>3</sup>/h).
- The SOMEFLU plant APLAST which is specialized in compression moulding high performance plastic raw materials used for the manufacturing of SOMEFLU pumps.
- The ECO range offering the same hydraulic performance as the normalized pump series NP but less expensive.
- The full product-range is ATEX certified.
- Spare parts are less expensive than the one of our main competitors.
- Flexibility in the use of mechanical seal brand-name types.

### TECHNICAL ADVANTAGES

- As a PE plastic against abrasion we systematically use the high density Cestidur plastic (density of 9 Mio versus 4 Mio to the common PE "RCH 1000" from our competitors).
- PP is preferred to PE because of its mechanical properties.
- NP pump series is systematically equipped with PVDF raw material impeller.
- The impeller inserts are very large to avoid any deformation risk due to hydraulic pressure.
- Design of a special cartridge mechanical seal able to keep the same spring compression whatever the distance impeller to casing.
- Magnetic driven pumps as an option on the full range (except ECO pumps).
- The impeller is maintained by the pump rear to avoid any leakage risk at the pump nose.
- Very good knowledge regarding design of priming tanks.

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