



# IM3000

## Impregnation sealant

With the universal impregnation material **IM3000**, **IMP** offers a highly cost-effective solution to the problem of porosity.

The **IM3000** impregnation sealant is not only chemically and physically durable but it is also environmentally friendly.

- ▶ **IM3000** is a crosslinking mixture of mono and poly-functional acrylates and methacrylates.
- ▶ **IM3000** has excellent washability and requires no after work, even with complicated castings of intricate design.
- ▶ **IM3000** has very high temperature stability with a working temperature range of -110 °C to +200 °C.
- ▶ Castings which are impregnated with **IM3000** provide very good resistance to high pressure, equal to the structural strength of the parent metal.
- ▶ **IM3000** shows very good chemical resistance against petrol, motor oils, hydraulic fluids, antifreeze, gases and acids.



Physical data for the liquid (uncured) sealant **IM3000**

Appearance: clear yellow

Odour: ester-like

Density: 1.04 g/ml at 20 °C

Viscosity: 33 sec Zahn Cup No. 1 at 20 °C  
27 sec Frikmar Cup No. 3 at 20 °C  
16 mPa/sec at 20 °C

Steam pressure: <15 Pa

**IMP** is one of the largest manufacturers and suppliers of impregnation sealant to the global market.

Customers who purchase or have components impregnated with **IMP** sealant include

- ▶ Most of the world's automotive companies and foundries,
- ▶ Leading manufacturers in the pump, boiler and valve industries,
- ▶ Manufacturers of sintered components, carbon and electrical items.

Further limited information on our markets is available on request.