

# POLYFUSION INNOVATION PRIVATE LIMITED

Shop No– 5, Jimmy Tower, Sector 18, Plot No 19-21, Koparkhairane, Navi Mumbai, 400709, Maharashtra , India

## Technical Data Sheet

### Rubber Mould Release Premium

#### PinnovaX102

PinnovaX Rubber Mould Release Premium (PinnovaX 102) is a specially formulated, non-ionic silicone-based emulsion engineered for superior mould release performance. Designed to enhance efficiency during the moulding process, PinnovaX 102 creates a fine micro-coating on the die surface, ensuring smooth product release while improving surface aesthetics.

Property	Specification
Colour	Milky white
Non-Volatile Content %	30 +/- 2
pH @ 25°C	6-8
Emulsifier Type	Non-Ionic

#### Key benefits

- **Superior Mould Release Efficiency:** Forms a micro-coating on the die surface, ensuring effortless separation of components during moulding.
- **Enhanced Surface Aesthetics:** Minimizes imperfections and improves the finish of moulded products.
- **Non-Carbonizing Formula:** Resists carbonization at high temperatures, preserving mould integrity and preventing residue buildup.
- **Optimized Production Efficiency:** Reduces adhesion and friction, minimizing downtime and streamlining operations.
- **Extended Mould Lifespan:** Protects against wear and degradation, maintaining moulds in excellent condition for prolonged use.
- **Versatile Application:** Compatible with a broad spectrum of moulding processes across various industries, PinnovaX is suitable for manufacturing all types of rubber compounds—including EPDM, Silicone, Nitrile, Chloroprene, Viton, and more.
- **Consistency & Reliability:** Delivers uniform performance across multiple cycles, ensuring predictable results.