

# Technical specifications

Product:

## BREEZ RELEASE 2212W

(Waterbased Release agent)

Typical Properties	
Appearance & Odor	Opaque liquid with bland odor
Carrier	Blend of water & non-ionic emulsifiers
Flash Point (C.C)	None
Coverage per liter	Approx. 150-200 m2
Cure Requirement	Ambient or heat



USP:

- ✓ ENVIRONMENTALLY SAFE
- ✓ New water based chemistry
- ✓ High toxic resistant
- ✓ Higher durability – more prints
- ✓ No CFC's, VOC's, or ODC's
- ✓ Fast cure
- ✓ No build-up on mould
- ✓ High Thermal Stability
- ✓ Non-flammable
- ✓ High Gloss
- ✓ No odor
- ✓ Medio to High Slip/lubricity
- ✓ Easy recoat/touch-up

Release agent:

- Water based, micro polymer resin.
- The product spread a uniform coat on the surface (according to application Guidelines)
- The release agent withstand a working temperature: **≤ 260 °C**
- Relative Humidity (according to Production Guidelines): **20-70 %**
- Surrounding temperature (according to Production Guidelines): **18-24 °C**
- Application method (wipe-on/wipe-off): **Mop, Cloth or Spray**
- Curing time (ref.: Surrounding temperature): **Min. 30 minutes**
- Number of pull offs before touch up: **Multiple releases** – but number of pull-offs will depend on design of mould, laminate, choice of rawmaterials, prod.methods, environment etc.

The following figures are measured on polyester gelcoat tooling at 25°C and 30% relative humidity:

- Maximum gloss after application: **45 - 60 GU @ 60° angle**
- Surface tension (optimal): **30 dynes·cm<sup>-1</sup>**