



ISO 9001 : 2000 Certified

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Technical Data Sheet CR-18W Release Agent

Product Description

CR-18W is a semi-permanent, water base ready-to-use release agent formulated specifically for use in the Rotational Molding of linear low, medium and high density polyethylene and nylon.

CR-18W does *NOT* contain any silicone fluids, solvents, or alcohols.

CR-18W has also been successful in molding cross-link polyethylene depending on the complexity of the part.

Recommended Applications

Basecoat

CR-18W may be sprayed or wiped onto a clean dry tool.

CR-18W should be sprayed in a light, uniform coat on to the mold surface of at least 150° F (66°C).

CR-18W may also be applied over most other release agents. Semi-permanent characteristics will degrade if applied over releases containing silicone oils.

Touch-up

CR-18W can be used to touch-up areas. **ONLY** spray the product on areas where sticking or dragging has as occurred

DO NOT overspray or use air pressure over 20 psi. Overspray will result in part warping and defective surfaces.

Typical Properties

| | |
|------------------------------|-----------------------------|
| Appearance | Off-White Fluid |
| Viscosity (cp @ 70° F/21° C) | <200cp |
| Ph | 8.5-10.5 |
| Density | 8.34(lbs/gal) 3.79 (kg/gal) |
| Odor | Very Mild |

Handling & Storage

Do not allow this product to freeze.
Store between **40°F - 100°F**.
CR-18W can be stored for 1 year
in closed containers.

Packaging

1 Gallon Plastic Drum
5 Gallon Plastic Drum
55 Gallon Plastic Drum
275 Gallon Plastic Container

Registration: TSCA