

E-Wax HWE30

30% Hard Polyethylene Wax Emulsion

Wax in water emulsion -
30% internal phase

E-Wax HWE30 - Is a hard, oxidised, polyethylene wax in water emulsion. It is ready to use in all types of water-based floor and automotive polishes, of either the non-buffable or buffable types.

E-Wax HWE30 is:

- Excellent for use in polymer floor sealers.
 - Also useful in automotive "Wash 'n wax" and spray-on polish systems.
 - Compatible with most other wax emulsions, and silicone emulsions.
- Does not contain Formaldehyde.

Chemical Identification & Physical properties

Composition:	Water-base, alkaline polyethylene wax emulsion
Active Ingredients:	Polyethylene wax (and) Non-ionic emulsifiers (and) Potassium Hydroxide .
Active content:	29 - 30% w/w.
Appearance:	Amber, translucent fluid - slightly viscous.
pH (as manufactured):	9.5 - 10.5
Odour:	Mild
S.G. (at 20°C):	0.995 - 0.997 g/cm ³
Solubility:	Soluble in water.
Stability in formulation:	Stable at pH 9.0 - 10.0
Shelf Life as supplied:	At least 1 year at ambient conditions. At least 6 months at 40°C.



This data does not constitute a specification - please see current "Certificate of Analysis". For further data please also request a copy of the MSDS (Material Safety Data Sheet)

Features

- Dries to a bright, high gloss.
- Excellent abrasion & scuff resistance.
- Outstanding slip resistance.
- Excellent buffability.
- Resists marking.
- Excellent durability

Packaging

E-Wax HWE30 is available in:
25 Kg HDPE blowpack
200 Kg HDPE blowpack
1000 Kg IBC (Flowbin)

Usage

E-Wax HWE30 can be added at any point during the manufacturing process, but it is best done when the pH is above 9.0. **E-Wax HWE30** is compatible with alkali-soluble resins, anionic surfactants, plasticisers, coalescing solvents and acrylic/styrene acrylic polymers typically used in ready-to-use polishes. The amount of **E-Wax HWE30** to be used in polish formulations will depend on the ratio of polyethylene wax to acrylic polymer required and the solid content of the final formulation, but is usually between 4 and 15% by weight of total formulation. Note: the greater the Acrylic polymer % i.r.o the wax % = less buffable. The greater the wax % i.r.o the Acrylic polymer % = more buffable and hence more durable!

Disclaimer / Non-warranty

This product has been subjected to limited stability tests and has been shown to perform well. However formulators should establish their own long term stability and functionality tests. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, Ecwamix Chemical Systems cc. disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own safety/stability tests on all final Formulations prior to marketing.