

CHEMLINQ™ WS 830



Wax Conditioning material

- Excellent conditioning properties
- Fast cure time
- No lead frame and preheating required



WS 830 is a specially formulated wetting and conditioning compound designed for use after the cleaning cycle of thermosetting transfer molds. This advanced compound is compatible with RCS series cleaning materials. WS 830 offers conditioning properties with minimal application shots, ensuring high-quality results without issues such as solderability problems or over-waxing of mold cavities. Its fast-curing formulation significantly reduces cure time, enhancing productivity and efficiency in mold conditioning.

WS 830 eliminates the preheating and lead frames during the conditioning process. The compound ensures a good release from the mold after curing, further shortening the time required for mold conditioning.

Specifications

Property	
Appearance	Solid grey in strips
Specific Gravity	1.1 - 1.3
pH	Neutral to Mild Alkaline
Solubility	Insoluble in water

Instructions

- Place strips on the mold chase. Strip quantity depends on the mold dimension.
- Clamp the mold and compress to fill all the cavities. *Note: overclamping may cause releasing difficulty from the mold*
- Recommended cure time for $170 \pm 5^\circ\text{C}$ is 2-5 minutes. Cure time depends on the mold temperature. *Note: Over curing of the material (more than 10 mins for 175°C) might create sticking problem to the mold.*
- Repeat until you achieve the required conditioning result.

Storage and Handling

- These rubber sheets should be kept in room temperature and not directly to sunlight.
- Their shelf life in these storage conditions is 9 months.
- They are packaged in PE bags and come in 10 kg (net) boxes.
- The exact width is not stated since the sheets can be arrayed for the application and width is adjusted to the box size to accommodate the net weight.
- It is recommended to put back the unused rubber strips into the packing bag and seal it up to avoid contamination which may degrade the quality & performance.

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