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Emrel 3

DESCRIPTION Emrel 3 is a specially formulated aqueous emulsion release agent. It's excellent release properties are derived from the high molecular weight oxidised polyethylene that it contains. The active component is a very hard wax with excellent lubricity.

BENEFITS Emrel 3 has excellent lubricity and release properties. It is recommended for mould release in applications where it is not possible to apply by direct spray. It imparts abrasion resistance and may reduce dusting of the finished article during printing.

APPLICATION It may be added at the wet end at a suitable addition point. It may be added continuously or batchwise. The product is added by low shear metering pump to the thick stock.

ADDITION LEVEL The correct addition level must be found by mill trial. It will depend on furnish and machine conditions. Addition is typically in the range of 1.0 -3.0 kg/tonne.
Emrel 3 contains surfactant. Sizing may be adversely affected at high addition levels. For applications where sizing is critical Emrel AL14 is recommended.
This product is unsuitable for MG machines. Adhesion to the cylinder will be reduced.

TYPICAL PROPERTIES	Appearance	Off White / Beige Liquid
	pH (1%)	4.0
	Brookfield Viscosity cps	80
	Solids Content %	27.0

STORAGE Store in closed containers. If the containers are left open then evaporation will take place and the emulsion will be damaged.

Frost will damage this product. Store at temperatures > 5°C - <35°C Do not store in direct sunlight and do not expose to direct heat.

HYGIENE Containers should be kept closed. Piping and tanks should be cleaned using disinfectant before and after use. The system should then be rinsed well with water before use. Dirty buckets and tools must not be used.

Information contained in this data sheet is, to the best of our knowledge correct, but no responsibility can be accepted for results obtained.
Freedom from third party patent rights should not be assumed.