

Technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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INT-1031

Wetting Agent / Release

General: A process aid additive designed specifically for phenolic resin paper saturation. The benefit is improved saturation/wetting of the conventional and heavy weight papers. The product also provides excellent release properties at 0.5%. The additive has low viscosity and is a free flowing homogeneous liquid.

Use: Faster saturation and better wetting for phenolic treated craft paper.

Composition: Proprietary synergistic complex blend of organic fatty alcohol esters combined with polyalkoxy alkyl phosphate salt.

TYPICAL PROPERTIES:

ACTIVE INGREDIENTS:	82%
SPECIFIC GRAVITY:	1.090 @ 25°C
VISCOSITY:	500 – 2000 cps @25°C
pH:	9.66
FLASH POINT:	Non-flammable (C.O.C.)
SHELF LIFE:	Minimum of one year

Application Instructions:

General: For best results, laboratory tests or pre-production trials should determine the optimum addition level. The Process Aid Additives are effective within a range of 3-7 grams per kilogram resin solution by weight. Always start an evaluation at 5 part per 1000.

Mixing: Mix into resin prior to addition of fillers, and other resin additives.

All information given by us about our products is based upon our tests and experience. It is intended for use by persons having technical skill at their own discretion and risk, and we assume no liability in connection with their use.

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