



## PRODUCT DATA SHEET

BLUECRAFT AGRO PRIVATE LIMITED

An ISO 9001:2015 Certified Company

### AMYLOKOTE M-75

<b>Description</b>	<p>Phosphated/carbamate ester for Lamination of paper &amp; board. This modified starch ester have the following typical properties -</p> <ul style="list-style-type: none"><li>• Improvement in stiffness,</li><li>• Increase of ink receptivity,</li><li>• Excellent printing gloss,</li><li>• Less mottling tendency,</li><li>• Excellent binding power,</li><li>• Better supporting of surface strength,</li><li>• Better control of viscosity / rheology,</li><li>• Control water retention,</li><li>• Excellent film forming properties AND</li></ul> <p><b>The phosphorous content</b> present as bound phosphate ester to amylopectin in starch which gives anionic character to natural binder based on starch.</p> <p><b>The carbamate content</b> gives rise to excellent dispersability during application &amp; flexible film forming characteristics.</p> <p><b>The low Moisture content</b> helps in stabilizing the product storage capability &amp; prevents spoilage of product quality.</p> <p><b>The lower gelatinization temperature</b> helps in freeze thaw stability &amp; also maintains its viscoelastic characteristics.</p>
<b>Applications</b>	<ul style="list-style-type: none"><li>• laminating Adhesive for paper &amp; paper Board. in the pre-coat</li></ul>



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### SPECIFICATION: AMYLOKOTE M-75

S.No.	PARAMETER	TEST RESULTS
1.	Type of Product	Anionic phosphate Easter
2.	Appearance	Free flowing off white to mat yellow
2.	Odour	None
3.	Moisture content	Max 10%
4.	Geletinization Temperature	35-40 deg C
5	Solubility	Fast soluble upon continuous cooking
6	Paste cheterstics	Slightly yellow transparent highly dispersed,stable, Non corrosive,excellent film forming properties.
7	PH	5.5 -7.0
8	Brookfield viscosity. 1) 25 % paste 30 deg C 2) 40 % paste at 30 deg C	100-200 cps 800-1000 cps