

ECO-IMPRES 2090

TECHNICAL DATA SHEET

INTRODUCTION	<p>ECO-IMPRES 2090 is a non-film forming styrene acrylic copolymer emulsion of a very high Tg, developed for use in water-based overprint varnishes and flexographic Inks.</p>						
AREAS OF APPLICATION	<p>ECO-IMPRES 2090 is used as an excellent let-down medium for water-based inks.</p> <p>ECO-IMPRES 2090 can be used to formulate high performance inks & overprint varnishes .</p>						
FEATURES & BENEFITS	<ul style="list-style-type: none"> • Very high gloss and hold-out on paper and paper board, fast drying, excellent film clarity. • Mainly employed for paper, paper board and corrugated board applications. • Compatible with other Eco-Impres resin solutions/emulsions, wax dispersions, coalescing agents commonly employed in water-based OPVs and ink systems. • High heat seal and film release properties, stabilized with biocides, very hard polymer. • EPO free and free of glycol, glycol ether, plasticizers and solvent, good alcohol dilutability/miscibility. • Versatility - in terms of adjustment of hardness (minimum film forming temp.), by combining with other similar emulsions, enables use in variety of end use applications. • Rheology controlled (RC) emulsion. • Outstanding stability in terms of pH, viscosity, rheological disturbances and freeze thaw. 						
TYPICAL PROPERTIES	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Appearance</td> <td style="width: 20%;">:</td> <td style="width: 20%;">Milky white liquid</td> </tr> <tr> <td>Acid Value (on solids)</td> <td>:</td> <td>66 ± 3 mg KOH/g</td> </tr> </table>	Appearance	:	Milky white liquid	Acid Value (on solids)	:	66 ± 3 mg KOH/g
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	Density @ 25 °C	: 1 ± 0.05 gm/cc
	Molecular Wt.	: >200000
	Total solids, %	: 46 ± 1
	pH	: 8.5 ± 1
	Brook Field Viscosity @30°C (Spindle/RPM : 3/60)	: 400 ± 100 cps
	Tg	: 110 °C
	Freeze / Thaw stable	: Yes [5 cycle]

PACKING	240 kg in HDPE containers
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SHELF LIFE	Store product in tightly closed original containers at temperatures recommended on the product label.
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DISCLAIMER	This information is given to the best of our knowledge. There is no legally binding assurance of certain properties for a specific purpose. The customer is responsible for determining whether the product and Information provided here is appropriate for his use. It is the role responsibility of the customer to ensure that any proprietary rights and existing laws and legislation are observed.
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Refer to our full TDS for more information



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