Harimine Liquid Dyes

HARIMINE Liquid Dyes are usually sodium salts of azo dyes, which contain several sulphonic or carboxyl groups in order to increase solubility of the dye molecule.

Generally speaking this dye group is noted for its good affinity for furnishes used in papermaking. This, coupled with their generally good to very good fashness to light, Deeding and charmicals, makes ARAMINE Lizad (less statishes for the following sppications:

"greing applications:

HARIMINE Liquid dyes are Anionic in nature. - HARIMINE Liquid dyes

prage
the dijes should ideally be stored at room temperature if frozen, because they have been stored at a temperature below 0°C, they should be thawed slowly and stirred if necessary.

APPLICATION RECOMMENDATIONS

PROPERTIES OF THE COLORANTS



APPLICATION TECHNIQUES

With all surface coloration applications it is strongly recommended to carry out compatibility checks with the carrier chemical (e.g. starch) prior to any machine traiss. With this approach cantul consideration should be given to the impact on bleed fastness and sheet appearance.



Harimine **Liquid Dyes**





	BIPL						BIPL							BIPL											BIPL		
	Physical Data			Fastness Properties				Physical Data			Fastness Properties		erties		Physical Data			Fastness Properties		erties		Physical Data			Fastness Properties		
HARIMINE LIQUIDS 0.5% 1.0%	Density ca.g/cm ²	PH undiluted	Viscosity 25°C mpa.s.	Light	Water	Back Water	HARIMINE LIQUIDS 0.5% 1.0%	Density ca.g/cm ²	PH undiluted	Viscosity 25°C mpa.s.	Light	Water	Back Water	HARIMINE LIQUIDS 0.5% 1.0%	Density ca.g/cm²	PH undiluted	Viscosity 25°C mpa.s.	Light	Water	Back Water	HARIMINE LIQUIDS 0.5% 1.0%	Density ca.g/cm ²	PH undiluted	Viscosity 25°C mpa.s.	Light		Back Wate
FURNISH (BLANK)							HARIMINE ORANGE 7G							HARIMINE TURQ. BLUE G							HARIMINE BLUE 3B G						
								1.0 - 1.2	9.5 - 10.5	<=100	4-5	4	4-5		1.0 - 1.2	9.5 - 10.5	<=100	4-5	4	4-5		1.0 - 1.2	9.5 - 10.5	<=100	4-5	4	4-
UIDANIS VELLOUIO							HARIMINE BRILL, ORANGE 2R						_	HARIMINE TURQ, BLUE BL						_	HARIMINE BROWN NB						
HARIMINE YELLOW G	1.0 - 1.2	9.5 - 10.5	<=100	5	4	4-5	NAVIMINE BRILL ORANGE ZR	1.0 - 1.2 9.5 - 10.5	<=100	4 - 5	4	4 - 5	NAMINE TORO, BLUE BL	1.0 - 1.2	7.0 - 8.0	<=100	4-5	4	4-5		1.0 - 1.2	10.0 - 11.0	<=100	4	3-4	3 -	
																					HARIMINE VIOLET BB						Г
HARIMINE YELLOW 3GF	1.0 - 1.2	9.5 - 10.5			4 - 5	4-5	HARIMINE RED 88N		10.0 - 11.1				4-5	HARIMINE BLUE 2RR								1.0 - 1.2	8.5 - 9.5	<=100	4	3 - 4	3-
			<=100	4-5				1.0 - 1.2		<=100	4-5	4			1.0 - 1.2	8.5 - 9.5	<=100	4-5	4	4-5	HARIMINE PAPER VIOLET BL						
HAR. BRILL. PAPER YELLOW R							HARIMINE RED 4BN					П		HARIMINE BRILL. BLUE F								1.0 - 1.2	8.5 - 9.5	<=100	4	3-4	3
	1.0 - 1.2	8.5 - 9.5	<=100	5	4-5	4-5		1.0 - 1.2	10.0 - 11.0	<=100	4-5	4	4-5		1.0 - 1.2	9.5 - 10.5	<=100	4-5	4	4-5	HARIMINE BLACK 5B 2.0% 4.0%	1.0 - 1.2	8.5 - 9.5	<=100	4	3-4	3
HAR. BRILL. PAPER YELLOW G							HARIMINE FAST RED B							HARIMINE BLUE 2RA						_							
	1.0 - 1.2	8.5 - 9.5	<=100	4-5	4	4-5		1.0 - 1.2	9.0 - 10.0	<=100	4-5	4	4-5		1.0 - 1.2	8.5 - 9.5	<=100	4-5	4	4-5	HARIMINE BLACK VG 2.0% 4.0%	1.0 - 1.2	8.5 - 9.5	<=100	4	3-4	3
HARIMINE FAST ORANGE LD							HARIMINE FAST RED 5B							HARIMINE BLUE 3B R							HARIMINE BLACK E-SE						\vdash
	1.0 - 1.2	10.0 - 11.0	<=100	4-5	4	4-5		1.0 - 1.2	9.5 - 10.5	<=100	4-5	4	4-5		1.0 - 1.2	9.5 - 10.5	<=100	4-5	4	4-5	2.0% 4.0%	1.0 - 1.2	8.5 - 9.5	<=100	4	3-4	3