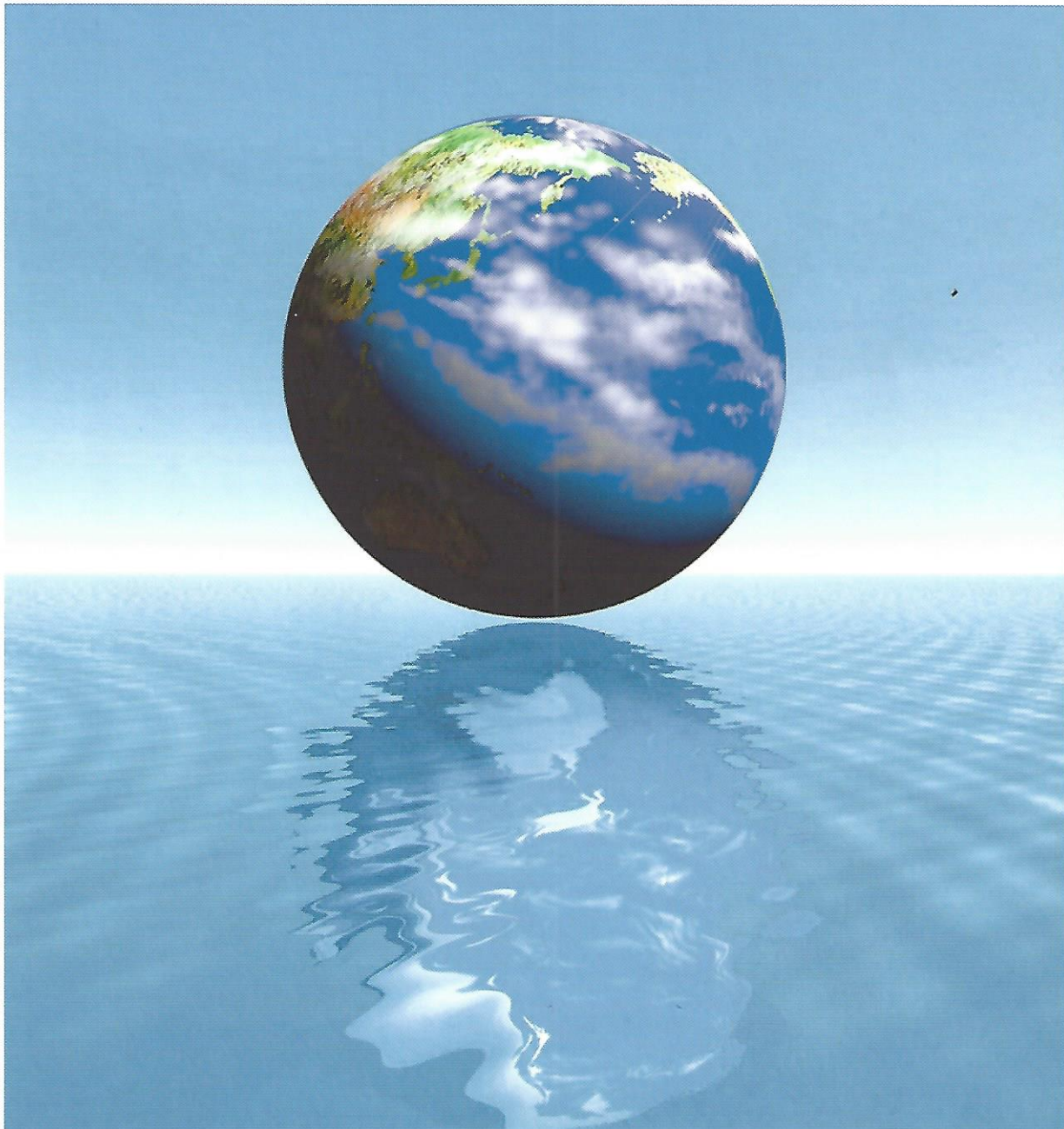


POLYVINYL ALCOHOL



GRADES AND SPECIFICATIONS OF J-POVAL

1. Standard Type

Type	Grade	Viscosity (mPa·s) (20°C,4%)	Hydrolysis (mol %)	Max.Volatile Cont.(%)	PH	Max.Ash Cont.(%)
Fully Hydrolyzed	JC-33	110~150	Min.99.0	5	5~7	0.6
	JC-25	62~72	Min.99.0	5	5~7	0.5
	VC-17KY	28~32	98.5~99.5	5	5~7	0.2
	VF-17	28~32	98.0~99.0	5	5~7	0.4
	V	25~31	Min.99.0	5	5~7	0.3
	JF-25	62~72	98.0~99.0	5	5~7	0.5
	JF-20	35~45	98.0~99.0	5	5~7	0.5
	JF-17	28~32	98.0~99.0	5	5~7	0.5
	JF-10	10~12	98.0~99.0	5	5~7	0.5
	JF-05	4.5~6.5	98.0~99.0	5	5~7	0.5
	JF-04	4~5	98.0~99.0	5	5~7	0.6
	JF-03	3~4	98.0~99.0	5	5~7	0.5
	Medially Hydrolyzed	JM-26	61~69	95.5~97.5	5	5~7
JM-23		53~61	96.0~98.0	5	5~7	0.5
JM-17		25.5~29.5	95.5~97.5	5	5~7	0.5
JM-17L		25.5~29.5	95.5~97.5	5	5~7	0.5
JT-05		4.5~6.5	93.5~94.5	5	5~7	0.5
JT-13Y		14.5~18.5	92.5~94.5	5	5~7	0.5
VT-13KY		14.5~18.5	92.5~94.5	5	5~7	0.2
Partially Hydrolyzed	JP-33	70~80	86.5~89.5	5	5~7	0.5
	JP-27	48~56	87.0~89.0	5	5~7	0.5
	JP-24	40~50	87.0~89.0	5	5~7	0.5
	VP-20	30~34	86.0~90.0	5	5~7	0.2
	JP-20	30~34	87.0~89.0	5	5~7	0.5
	VP-18	23~27	86.0~90.0	5	5~7	0.2
	JP-18	23~27	87.0~89.0	5	5~7	0.5
	JP-15	15~19	86.0~90.0	5	5~7	0.5
	JP-10	8~10	86.0~90.0	5	5~7	0.5
	JP-05	4~6	87.0~89.0	5	5~7	0.5
	JP-04	3.5~4.5	86.0~90.0	5	5~7	0.6
	JP-03	2.8~3.9	86.0~90.0	5	5~7	0.6
	JL-25E	44~52	78.5~80.5	5	5~7	0.5
	JL-18E	22~26	83.0~86.0	5	5~7	0.5
	JL-05E	4~6	80.0~84.0	5	5~7	0.5
JR-05	4.5~6.5	70.0~74.0	5	5~7	—	

2. Special Type

E type ----- for high viscosity Polyvinyl Acetate emulsion, JP-18E, JP-20E and JP-24E are available.

S type ----- for pre-mixed binder, JF-17S, V-S,VO-S, JP-05S, JP-18S, JP-20S and JP-24S are available.

A type ----- PVA contained carboxyl group. AF-17, AT-17 and AP-17.

D type ----- PVA contained reactive carbonyl group. DF-17, DM-17 and DF-05

SC/AD series ----- for paper adhesive use

3. Package

Net 20 kgs kraft paper bag