MAJOR INDUSTRIAL USES OF "KURARAY POVAL®"

		Anti-foaming/ Defoaming type	Finer powder type	SPECIFICATIONS Items Viscosity mPa·s (1)	Hydrolysis mol %	Volatile % max. (2)	Ash % max. (3)	pH	APPLICATIONS: Polyvinyl Acetate Emulsion	Suspending Agent	Paper	Remoistenable Adhesive	Urea Formalin Resin (Plywood)	Paper Board	Coated Paper	Release Paper	Thermal Sensitive Paper	Pressure Sensitive Paper	Warp Sizing For Spun Yarn	Warp Sizing For Filament Yarn	Finishing	Printing	Film	Sponge	Cement / Plaster Additive	Ceramic / Ferrite Binder	Nonwoven Binder	Photo Sensitive Resin	Television Braun Tube	Oil-Well Drilling
									STABILIZER			ADHESIVES					PAPER							TEXTILE			MOLDING	OTHERS		
COMPLETELY HYDROLYZED GRADE	PVA-103			3.2~3.8	98~99	5.0	0.7	5~7							●	●	●	●													
	PVA-105	PVA-105K		5.2~6.0	98~99	5.0	0.7	5~7							●	●	●	●			▲			●		●					
	PVA-110			10.2~11.8	98~99	5.0	0.7	5~7									●	●			▲						●				
	PVA-117	PVA-117K	PVA-117S	25~31	98~99	5.0	0.4	5~7	●		●		☆	●	●	●	●	●	●		●		●	●		●	●				
	PVA-117H			26~32	99.3min	5.0	0.7	5~7								●					●		●	●			●				
	PVA-124			54~66	98~99	5.0	0.4	5~7	●	●	●								●		●					●					
MEDIUM HYDROLYZED GRADE	PVA-CST			24~30	95.5~96.5	5.0	0.4	5~7	●		●							●						▲							
	PVA-613			14.5~18.5	92.5~94.5	5.0	0.4	5~7	▲									●													
	PVA-624			50~60	95~96	5.0	0.4	5~7	●	●																					
	PVA-706			6.3~7.7	90.5~92.5	5.0	0.4	5~7	●																						
PARTIALLY HYDROLYZED GRADE	PVA-203			3.2~3.6	87~89	5.0	0.4	5~7	●			●					●												●		
	PVA-205	PVA-205MB	PVA-205S	4.6~5.4	86.5~89	5.0	0.4	5~7	●		●	●	▲				●		●	●			●		☆	●	●	●	●		
	PVA-217	PVA-217SB	PVA-217S	20.5~24.5	87~89	5.0	0.4	5~7	●	▲	●	●	▲			●	●	●	●		●	●	●		☆	●			●	☆
	PVA-220	PVA-220SB	PVA-220S	27~33	87~89	5.0	0.4	5~7	●	▲	●	●	▲			●			●		●	●	●		☆	●			●	☆
	PVA-224	PVA-224SB	PVA-224S	40~48	87~89	5.0	0.4	5~7	●	●	●	●									●	●			☆	●			●	☆
	PVA-226			50~58	86~89	5.0	0.4	5~7	●	●	●	●									●										
	PVA-235			80~110	87~89	5.0	0.4	5~7	▲	●																					
	PVA-403			2.8~3.4	78~82	5.0	0.4	5~7		▲																			●		
	PVA-405			4.4~5.2	80~83	5.0	0.4	5~7		▲											▲								●		
	PVA-420			37~45	78~81	5.0	0.4	5~7		●																					

Notes : (1) Viscosity is measured at 4% aqueous solution at 20C determined by Brookfield synchronized-motor rotary type.
(2) The specifications of volatile are based on the value measured in packaging.
(3) Ash content is measured at dry basis as Na_2O.

All data presented herein is based on actual measurements performed by Kuraray Co., Ltd.
All information contained herein is presented in good faith and without any warranty including the fitness of this information for a particular purpose.
Kuraray Co., Ltd. accepts no liability for damages or losses resulting

● : Generally used
▲ : Occasionally used
☆ : Finer powder grade is more suitable