

TECHNICAL DATASHEET

SCALE CHEMICALS		REF. : TDS-11A	REV. DT: 15/08/2022
TEL: 00961 70 221782 EMAIL: INFO@SCALECHEMICALS.COM WEB: WWW.SCALECHEMICALS.COM		CATEGORY: PVA HOMOPOLYMER EMULSION	
GROUP: POLYMER EMULSION – PAINT IND.		PRODUCT NAME: Pb	
DESCRIPTION: WATER BASED PLASTICIZED POLYVINYL ACETATE (PVA) HOMOPOLYMER EMULSION STABILIZED WITH POLYVINYL ALCOHOL			
APPLICATION: - CAN BE USED FOR PRODUCING SUPERIOR QUALITY WOOD, ESPECIALLY FOR PAINT ADHESIVES, USED AS A BINDER IN THE PAINT MANUFACTURING INDUSTRIES - GIVES HIGH TENSIL STRENGTH WITH SUPERIOR SHEAR STABILITY., POSSESSING GOOD AGING CHARACTERISTICS DUE TO RESISTANCE TO ULTRAVIOLET RAYS AND OXIDATION			
SPECIFICATION / CHARACTERISTIC / FEATURE		DATA / VALUE	
CHEMICAL COMPOSITION		POLYVINYL ACETATE EMULSION	
EMULSIFYING SYSTEM		POLYVINYL ALCOHOL	
PHYSICAL APPEARANCE		MILKY WHITE EMULSION	
SOLID CONTENT		45 (+/- 2%)	
VISCOSITY @20°C RH #6 RPM 4,8		~200P	
DENSITY		~1.1KG	
PH		4 ~ 6	
MFT		4°C (APPROX.)	
PLASTICIZER		2,2,4-TRIMETHYL-1,3-PENTANDIOL MONOISOBUTYRATE DBP	
MECHANICAL & HIGH TEMPERATURE STABILITY, RESISTANCE TO AIR & HUMIDITY, TENSILE		EXCELLENT	
PACKAGING		50KG, 125KG, 1000KG	
HANDLING & STORAGE		TO BE STORED IN SEALED CONTAINERS IN DRY CONDITION, AWAY FROM DIRECT HEAT, DUST, SUN LIGHT & MOISTURE. PROTECT FROM FROST. CONTAINERS ONCE OPENED SHOULD BE SHUT TIGHTLY TO PREVENT CONTAMINATION	
SHELF LIFE		18 MONTHS FROM DATE OF MANUFACTURE IF STORED AND TRANSPORTED HYGIENICALLY, AVOIDING FROST AND DIRECT SUNLIGHT	

