

Homopolymers



EAGLE CHEMICALSTM
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1. Emulsions for Wood & Paper Adhesives

Product	Solid Content (%) ISO 1625	Viscosity cP(*)	pH ISO 1148	MFFT (°C)	Density (Kg/L)	Characteristics / Applications
H-EAGLE (510/50)	50±1	50,000--70,000 (**)	4--6	15	1.09	Multi-purpose homopolymer, suitable for hard wood & paper adhesive.
H-EAGLE (180/50)	50±1	12,000--24,000	6--8	3	1.07	D2 class adhesive for hard wood, with very low MFFT suitable for cold weather climate.
H-EAGLE (120/50)	50±1	9,000--15,000	2.8--3.6	4	1.08	Water resistant class D3 ,excellent adhesive for tropical areas, fast setting wood adhesives with very low MFFT.
H-EAGLE (400/50)	50±1	40,000 ± 10,000	4--5	13	1.07	High heat resistance, excellent thixotropic effect suitable for wall putty offering good workability also recommended for fast setting wood glue and joinery glue.
H-EAGLE (850/50)	50±1	60,000 --- 90,000	3--5	9	1.07	Very fine particle size, water resistance, general purpose homopolymers suitable for wood glues, paper adhesives, floor and wall cealing adhesives, and for the manufacture of water resistant emulsion putty as well.
HP-EAGLE (950/50)	50±1	80,000--120,000 (***)	4--7	4	1.07	High viscosity grade, low MFFT, for cold climates , recommended for high viscosity, high solid , clear film wood glues. It is suitable also for paper adhesives too and lamination textile with clear film , high bond strength and flexibility and ready to use adhesives.
HP-EAGLE (900/45)	45±1	80,000--120,000	3--5	4	1.06	Economic wood glue, with high viscosity and clear film recommended for economic paper, floor and wall adhesive and ready to use adhesives.
H-EAGLE (360/60)	60±1	25,000--40,000	4--6	14	1.10	Fast setting adhesive recommended for wood , paper and fast setting machine-applied cigarettes adhesives.
HP-EAGLE (355/54)	54±1	30,000±10,000	4--7	0	1.05	Fully plasticized product with clear film suitable for paper adhesive and book binding adhesives.

2. Lamination Adhesive

Product	Solid Content (%) ISO 1625	Viscosity cP (*)	pH ISO 1148	MFFT (°C)	Density (Kg/L)	Characteristics / Applications
C-EAGLE (VM150/56)	56±1	10,000--20,000	3--5	0	1.05	Ready to use lamination adhesives with good adhesion power to paper on different plastic materials.

(*) Brookfield Rvt, RPM 20m-1 (***) Available in H.V. grade (**) Available in L.V. grade

Product	Wood/Joinery Glue	Hard Wood	Paper Adhesives	Floor adhesive	Ceiling adhesive	Suitable for Cold Climates countries	Fast Setting	Water Resistance	Heat Resistance	Emulsion Putty	Machine-applied adhesion	Cigarettes adhesion	Lamination Textile	Paper to Plastic adhesion
H-EAGLE (360/60)	✓✓✓		✓	✓	✓✓		✓✓✓		✓✓✓		✓✓✓	✓✓✓		
H-EAGLE (400/50)	✓✓			✓✓	✓✓		✓✓		✓✓✓	✓✓✓	✓✓✓	✓✓		
H-EAGLE (120/50)	✓✓✓			✓✓	✓✓	✓✓	✓	✓✓✓						
H-EAGLE (850/50)	✓✓		✓✓	✓✓	✓✓✓			✓		✓✓✓				
HP-EAGLE (950/50)	✓✓✓		✓✓	✓✓✓	✓✓✓	✓							✓✓	
H-EAGLE (180/50)	✓✓✓	✓✓✓		✓✓	✓✓	✓✓✓								
H-EAGLE (510/50)	✓✓✓	✓✓	✓	✓✓✓	✓✓									
HP-EAGLE (900/45)	✓✓✓		✓✓	✓✓✓	✓✓✓									
HP-EAGLE (355/54)			✓✓✓											
C-EAGLE (VM150/56)														✓✓✓



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