

MARIPOL B-30/MARIPOL B-60 SP POLY VINYL BUTYRAL RESINS

➤ **General Description**

MARIPOL B-30 SP/B-60 SP are white to light cream powders. B-30 sp and B-60 sp have different molecular weights. B-30 sp gives lower viscosity solution than B-60 sp, in any one particular solvent or in a particular mixture of solvents. Poly vinyl butyral resins form light stable films of high flexibility and strength.

➤ **Area of Application**

MARIPOL B-30 SP and B-60 SP find major use in coatings for wood, metals, leather, paper, aluminium foil etc. They are used exclusively for etch primer generally known as 2-pack wash primer. Poly vinyl butyral resins provide outstanding impact resistance, corrosion resistance, inter-coat adhesion, toughness and abrasion resistance, when used for making different types of coatings. Printing inks for packaging materials like glassine, cellophane, aluminium foil etc are based upon poly vinyl butyral resins. These resins are also used by electrical and electronic industries for making insulating varnishes, PCBs and for making bondable overcoat for magnetic wires.

➤ **Other Characteristics**

	MARIPOL B-30 SP	MARIPOL B-60 SP
• FORM	Free flowing granular powder, white or light cream in colour.	Free flowing granular powder, white or light cream in colour.
• NON VOLATILE	97 ± 2%	97 ± 2%
• SPECIFIC GRAVITY	1.10	1.10
• POLY VINYL ACETAL	76-81%	76-81%
• POLY VINYL ACETATE	1-3%	1-3%
• POLY VINYL ALCOHOL	18-21%	18-21%
➤ VISCOSITY AT 25°C		
(A) 15% SOLUTION IN TOLUENE/ETHANOL 60:40	100-250 cps or 35-65 secs. in FORD CUP 4	600-1200 cps
(B) 10% SOLUTION IN ETHANOL.	50-100 cps or 25-35 secs. in FORD CUP 4	180-200 cps

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(C) 12% SOLUTION IN
ETHANOL.

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80-100 secs
in FORD CUP 4

➤ **Note**

Maripol B-60 sp is also available as 22% solution in industrial alcohol.

➤ **Disclaimer**

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