

4.2 乳化助剂包/无硼, 磺酸盐基, 胺基 /半合成

产品 **Emulsifier EM 10245**

特性 **EM 10245** 是一款低泡、无硼的乳化复合包，适用于基于胺和磺酸盐的半合成水溶性加工液。该产品浓缩液制得的乳化液是低泡的。

技术数据	典型数值	规格		
		最小	最大	
颜色	: 棕色			
外观 20°C	: 清晰, 液体			
密度 20°C(g/ml)	: 1.047	1.037	1.057	DIN 51 757
pH-值 1%在去离子水	: 9.5	9.2	9.8	DIN 51 369
折射指数(n _{D20})	: 1.479	1.469	1.489	DIN 51 423-2

应用 参考配方(wt.%):

	A	B	C
EM 10245	25.0	25.0	25.0
环烷油	70.0	50.0	30.0
EM 643	ca. 5.0	ca. 4.5	ca. 5.0
丁醇	--	0.5	2.0
去离子水	--	20.0	38.0

由该配方制的 5% 浓度乳化液呈乳白色至透明，pH 值为 9.3。根据 DIN51360/2（铁屑滤纸试验），在 360ppm 硬水中，4% 浓度乳化液的缓蚀性为 0。建议额外添加消泡剂和杀菌剂。

存储 **EM 10245** 可在室内+10°C到+30°C之间以密封的原始包装储存至少 6 个月

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