

### 4.3 乳化助剂包/硼-胺基

产品 **Emulsifier EM 5190 N**

特性 **Emulsifier EM 5190 N** 是一款基于硼和二乙醇胺的乳化助剂包，可用于半合成、低泡沫、低矿物油含量的水溶性加工液配方中。该助剂包含有杀菌剂，但不含乙二胺四乙酸与甲醛。

技术资料		典型 数值	规格		
			最小	最大	
	色度	: 黄色			
	密度 20°C (g/ml)	: 1.009	0.999	1.019	DIN 51 757
	折射指数( $n_{D20}$ )	: 1.472	1.462	1.482	DIN 51 423
	pH-值 1% 于去离子水	: 9.45	9.15	9.75	DIN 51 369
	矿物油 (wt.%)	: 32			

应用 将 50 % EM 5190 N 和 50 % 去离子水混合制的稳定的浓缩液，5%浓度的稀释液 pH 值为 9.4。根据 DIN51360/2，在 180ppm 的硬水中加入 3%的乳化液，铁屑滤纸测试中不会产生锈蚀。

存储 原装密封条件下在 15°C 到 30°C 之间可以安全存放至少 12 个月。

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