



Carbobond™ 3005FF

Carbobond™ 3005FF是一种不含APEO和甲醛的丙烯酸共聚物,对多种类型的印刷基材具有优异的附着力,具备优秀的低温热封性能,满足FDA和GB9685的食品接触标准。Carbobond™ 3005FF柔韧性好,具有出色的透明度和高光泽,亦可用作热封层压粘合剂。

性能与优势

- 优秀的低温热封性能
- 良好的耐油脂性
- 优异的耐溶剂性能
- 优秀的阻隔和耐沾污性能
- 无异味
- 耐水优异
- 无APEO
- 无甲醛
- 无VOC

良好的耐油脂/耐溶剂性能

Carbobond™3005FF与路博润Hycar系列产品复配后,分别涂布在牛皮纸和乳胶纸上,测试配方的耐化学溶剂性能以及Kit法测试耐脂度。

	牛皮纸 (gsm)	乳胶纸 (gsm)	甲苯	甲苯丙酮甲醇	kit 3	kit 6	kit 8	kit 9	kit 10	kit 11	kit 12	kit 13
CBB3005FF + HYCAR® A	7.05	10.25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CBB3005FF+ HYCAR® B	2.67	5.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

优秀的低温热封性能

经测试,Carbobond™ 3005FF 在7psi的热封压力,140°C的热封温度下,0.3s即可达到良好的热封性能(涂布量 8 gsm)。

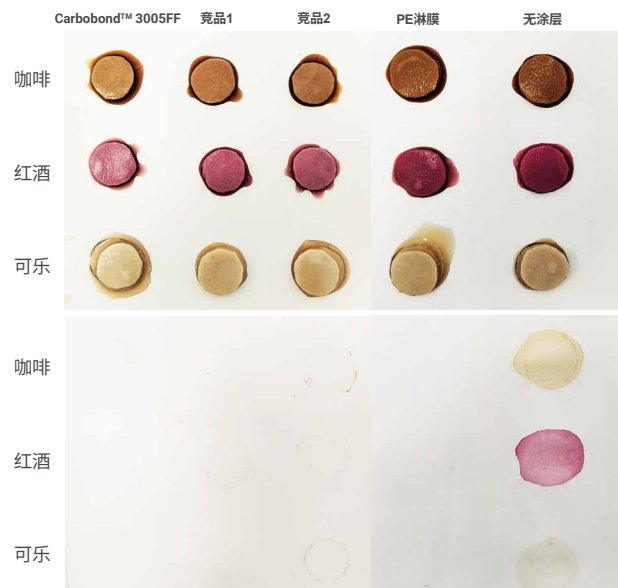
应用

- 无塑纸杯
- 软包装粘合剂



优秀的阻隔和耐沾污性能

将Carbobond™3005FF与竞品在相同条件下测试,实验结果表明Carbobond™3005FF可以完美阻隔咖啡、红酒、可乐的渗透,表现出优秀的阻隔和耐沾污性能。对比测试Carbobond™3005FF涂层与传统PE淋膜在咖啡、红酒、可乐中的阻隔性能,可以看出Carbobond™3005FF涂层可以达到与PE淋膜相应的阻隔效果。



测试条件:室温下30min。涂层涂布量:8gsm。PE淋膜涂布量:18-20 gsm

无异味且耐水优异

实验结果表明, Carbobond™ 3005FF涂布的纸杯在装满热水的条件下,无异味,且提供优异的耐水性能,满足最新行业标准T/CPA001-2021《水性涂层纸杯(含水性涂层纸杯纸)》的有关要求。

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