

## Technical Data Sheet

### 技术数据表

#### Cellulose Acetate Butyrate (CAB-551-0.2)

#### 醋酸丁酸纤维素 (CAB-551-0.2)

##### Application/Uses 应用领域

- Automotive OEM 汽车原产漆
- Coatings 涂料
- Coatings for automotive 汽车涂料
- Coatings for Automotive Plastics 汽车塑胶漆
- Coatings for plastic 塑胶漆
- Nail care 指甲油
- Truck/Bus/Commercial Vehicles 卡车/巴士/商务车用漆

##### Product Description 产品描述

LGCELLULOSE® Cellulose Acetate Butyrate (CAB-551-0.2) is a cellulose ester with high butyryl content and relatively low molecular weight. It is compatible with numerous cross-linking resins and has a lower solution viscosity. In coatings, CAB-551-0.2 gives clear films, reduces surface tack and mottling, minimizes cratering, improves flow and thermal reflow, and provides intercoat adhesion and good UV stability. It is useful for durable cross-linked formulations. Its good compatibility with a wide range of curing resin systems and its solubility in a wide variety of solvents and solvent combinations make it useful as an additive in numerous coating compositions.

LGCELLULOSE® 醋酸丁酸纤维素 (CAB-551-0.2) 是一种丁酰基含量高、相对分子量低的纤维素酯。它可以与许多交联树脂相溶并且可以得到较低粘度。在涂料中，醋酸丁酸纤维素 (CAB-551-0.2) 透明度好的涂膜，降低表面斑点，减少缩孔，改善流动性，提供层间附着力和好的耐 UV 性。该产品对于交联体系可以提高耐用性。因其优异的相容性及溶解性使得它可以在多种涂料体系中作为有用添加剂。

##### Typical Properties 典型性能

Property 性能	Enterprise product standards 企业产品标准	Typical Value, Units 值, 单位
Butyryl Content 丁酰基含量	45%~58%	52wt%
Acetyl Content 乙酰基含量	0.1%~5%	2wt%
Ahydroxyl Content 羟值	0~4%	1.8%
Viscosity <sup>a</sup> 特性粘度	0.22~0.60	0.55 poise
Color <sup>b</sup> 色号	≤100unit	90
Haze <sup>c</sup> 浊度	≤100NTU	85
Acidity as Acetic Acid 酸值	0.00~300	70
Ash Content 灰分含量	≤3.00%	< 0.05%