

# Nucrel® 960

乙烯甲基丙烯酸

## DuPont Packaging & Industrial Polymers

### 产品说明

Nucrel® 960 is a copolymer of ethylene and methacrylic acid, made with nominally 15 wt% methacrylic acid. It is inherently flexible without the need for plasticizers. The resin can be pigmented, UV-stabilized for exterior applications and painted or plated for special decorative effects.

| 基本信息                        |                        |          |                      |  |
|-----------------------------|------------------------|----------|----------------------|--|
| 特性                          | 可电镀                    | 可喷涂的     | 良好的柔韧性               |  |
| 机构评级                        | FDA 21 CFR 177.1330(a) |          |                      |  |
| 形式                          | 粒子                     |          |                      |  |
| 物理性能                        | 额定值                    | 单位制      | 测试方法                 |  |
| 比重                          | 0.940                  | g/cm³    | ASTM D792, ISO 1183  |  |
| 熔流率(熔体流动速率) (190°C/2.16 kg) | 60                     | g/10 min | ASTM D1238, ISO 1133 |  |
| 甲基丙烯酸含量                     | 15.0                   | wt%      |                      |  |
| Methacrylic Acid Content    | 15.0                   | wt%      |                      |  |
| 热性能                         | 额定值                    | 单位制      | 测试方法                 |  |
| Freezing Point              |                        |          |                      |  |
| --                          | 73                     | °C       | ISO 3146             |  |
| --                          | 73                     | °C       | ASTM D3418           |  |
| 维卡软化温度                      | 62.0                   | °C       | ASTM D1525, ISO 306  |  |
| 熔融峰值温度                      | 91.0                   | °C       | ASTM D3418, ISO 3146 |  |
| 挤出                          | 额定值                    | 单位制      |                      |  |
| 熔体温度                        | < 235                  | °C       |                      |  |