

# PEBAX®

## ES 9002 UV

### Pebax® Black 9002 UV Electrostatic Spray Powder

PEBAX® fine powders are specialty Poly Ether Block Amide powders. PEBAX® ES Black 9002 UV is designed for coating metal parts, where high friction, noise reduction or very high flexibility are required. It can be applied by conventional electrostatic spraying process. Please consult Arkema literature for application method and recommendations.

| 性能                             | 价值                   | 单位    | 测试标准                             |
|--------------------------------|----------------------|-------|----------------------------------|
| 热性能                            |                      |       |                                  |
| 维卡软化温度, 50°C/h 50N             | 109                  | °C    | ISO 306                          |
|                                | 228                  | °F    |                                  |
| 粉末性能                           |                      |       |                                  |
| Nature                         | PEBA                 | -     | ISO 1218                         |
| Color                          | Black                | -     | -                                |
| 中值粒径                           | 58                   | µm    | ISO 13320                        |
|                                | 0.00228              | in    |                                  |
| 熔点                             | 148                  | °C    | ISO 1218                         |
|                                | 298                  | °F    |                                  |
| Vicat Point                    | 109                  | °C    | ISO 306                          |
|                                | 228                  | °F    |                                  |
| 密度 (松的)                        | 0.46                 | -     | ISO 1068                         |
| 密度 (包装的)                       | 0.54                 | -     | ISO 1068                         |
| POWDER COATING PROPERTIES      |                      |       |                                  |
| Recommended Coating Thickness  | 150 - 200            | µm    | -                                |
|                                | 0.00591 - 0.00787    | in    |                                  |
| 覆盖率, 200µm                     | 0.24                 | kg/m² | -                                |
| 涂料比重, 20°C                     | 1.16                 | -     | ISO 1183                         |
| Persoz硬度                       | 141                  | -     | ISO 1522                         |
| 铅笔硬度                           | HB                   | -     | ECCA T4                          |
| Shore D Hardness               | 50                   | -     | ISO 868                          |
| 吸水率, 24h                       | ≤ 0.35               | %     | ISO 62-1                         |
| 耐磨性, 1000 周期 , 1 kg , CS-17 转轮 | 44                   | mg    | ISO 9352                         |
| 抗冲击性                           | 0.89                 | J     | ASTM G14                         |
|                                | 7.88                 | in-Ib |                                  |
| 抗砂石喷溅性能                        | 3                    | -     | Automotive Method D24 1702/-1997 |
| 耐浸渍性能                          | No loss of adherence | -     | Ford Test / BAC Ford             |

# PEBAX<sup>®</sup>

## ES 9002 UV

Salt spray test according to surface preparation  
recommended by ARKEMA

Good adhesion -  
after 1000 hours

ISO 9227

Main applications:

- Metal Coating
- Automotive & Transportation
- General Purpose

Packaging

This grade is delivered in 20kg drum.

Shelf Life

Two years from the date of delivery. For any use after this limit, please refer to our technical services.

### 加工方法

涂覆, Electrostatic Spray, Fluidized Bed Dipping

### 供货形式

粉料