

# Halar® 2508DA

Ethylene Chlorotrifluoroethylene Copolymer

Solvay Specialty Polymers

## Message:

Halar® The 6014 is transparent semi-crystalline fluorine-containing resin, which can be melt processed. It is specially used for anti-static powder coating, especially recommended as topcoat for protective and anti-corrosion products. Halar® 6014 has good chemical, electrical and thermal properties. Especially pure, easy to process, and has ideal permeability resistance and flame retardancy. In addition, Halar® 6014 coatings have excellent surface finish and hardness.

Halar® The main features of the 6014 include:

- Excellent chemical resistance
- Excellent thermal performance
- ideal permeability resistance
- Outstanding flame retardancy
- Excellent surface properties
- high purity

| General Information                       |                             |                   |             |
|-------------------------------------------|-----------------------------|-------------------|-------------|
| Features                                  | Semicrystallization         |                   |             |
|                                           | Antistatic property         |                   |             |
|                                           | Workability, good           |                   |             |
|                                           | Good corrosion resistance   |                   |             |
|                                           | Good chemical resistance    |                   |             |
|                                           | Thermal stability, good     |                   |             |
|                                           | Compliance of Food Exposure |                   |             |
|                                           | Excellent appearance        |                   |             |
|                                           | Flame retardancy            |                   |             |
| Uses                                      | Coating application         |                   |             |
| Appearance                                | Black                       |                   |             |
| Forms                                     | Powder                      |                   |             |
| Processing Method                         | Coating                     |                   |             |
| Physical                                  | Nominal Value               | Unit              | Test Method |
| Density                                   | 1.68                        | g/cm <sup>3</sup> | ASTM D3275  |
| Melt Mass-Flow Rate (MFR) (275°C/2.16 kg) | 12                          | g/10 min          | ASTM D3275  |
| Average Particle Size <sup>1</sup>        | 80                          | µm                | ASTM D1921  |
| Thermal                                   | Nominal Value               | Unit              | Test Method |
| Melting Temperature                       | 227                         | °C                | ASTM D3275  |
| Additional Information                    |                             |                   |             |

## 加工

Halar® 6014 旨在作为面漆材料,施加到底漆涂层基材上.可以采用常规抗静电粉末涂层技术.一般会采用几道工序,包括基材准备,喷涂,烘烤和冷却.根据用途的不同,会采用进一步的工序.可能会需要重复几遍,以获得所需的Halar®用量及涂层厚度.

Halar® 6014可以单独使用,不需要进一步配混.基材准备,喷枪参数如电压和烘箱温度及时间都必须控制好,以获得无瑕疵涂层产品.

## 储存和操作

如果在室温下放置在干净干燥的环境,Halar® 可熔融加工含氟聚合物树脂就无需担心保质期问题.打开的容器必须再次密封好,以防止污染.

安全性和毒理学-使用Halar® 可熔融加工含氟聚合物树脂前,应参阅产品的材料安全数据表单,遵循所有的标签说明和操作注意事项.-和所有含氟聚合物材料一样,操作和加工必须在通风良好的场所进行,设备上方应安装蒸汽抽气装置.不能吸入烟雾,应避免接触皮肤和眼睛.如有皮肤接触,用肥皂和水清洗干净.如触及眼睛,应立即用大量清水冲洗,并寻求医疗帮助.不要在粉尘,蒸汽或烟雾污染的环境吸烟.-废物处置详细建议请参考材料安全数据表单.包装Halar® 6014用一次性桶包装,每桶25公斤.每只桶内有两只聚乙烯树脂衬袋.

## NOTE

1. Method C

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