

Halar® 3404DA

Ethylene Chlorotrifluoroethylene Copolymer

Solvay Specialty Polymers

Message:

Halar® 3404DA is a filled, pearl white, semi-crystalline, melt-processable fluororesin that fully meets the requirements of the Federal Food, Drug and Cosmetic Act Food Additives Regulation 21 CFR 177.1380 (a)(4). It is specially used for anti-static powder coating and can be used as primer, two primer or topcoat for protective and anti-corrosion products. Halar® 3404DA is better at water vapor permeability than Halar® 6014. At the same time, it has good chemical, electrical and thermal properties. In addition, Halar® 3404DA coating also shows excellent surface finish and hardness.

Halar® The main features of 3404DA include:

Meet the requirements for contact with food

excellent chemical resistance

-Excellent thermal performance

ideal permeability resistance

Excellent flame retardancy

-Outstanding surface characteristics

pure

General Information			
Filler / Reinforcement	Filler		
Features	Semicrystallization		
	High purity		
	Good electrical performance		
	Good corrosion resistance		
	Good chemical resistance		
	Thermal stability, good		
	Compliance of Food Exposure		
	High hardness		
	Excellent appearance		
Uses	Coating application		
Agency Ratings	FDA 21 CFR 177.1380(a)(4)		
Appearance	White		
Forms	Powder		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Density	1.68	g/cm ³	ASTM D3275
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	2.0	g/10 min	ASTM D3275
Average Particle Size ¹	28	µm	Internal method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	242	°C	ASTM D3275
Additional Information			

加工-Halar® 3404DA可以使用常规抗静电粉末涂料技术.一般包括基材准备,涂层,烘烤和冷却工序.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® 3404DA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,烘箱温度和时间必须控制好,以获得无瑕疵涂层产品.储存和操作

如果在室温下保持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,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.包装-Halar® 3404 DA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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

