

Halar® 6014

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		
	High purity		
	Workability, good		
	Good electrical performance		
	Good corrosion resistance		
	Good chemical resistance		
	Thermal stability, good		
	Excellent appearance		
	Flame retardancy		
Uses	Coating application		
Appearance	Clear/transparent		
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)	12	g/10 min	ASTM D3275
Average Particle Size ¹	80	µm	ASTM D1921
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	225	°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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