

# Halar® 6014F

Ethylene Chlorotrifluoroethylene Copolymer

Solvay Specialty Polymers

## Message:

Halar® 6014F is a transparent semi-crystalline fluororesin that can be melt processed. It is specially used for anti-static powder coating, especially recommended for topcoat for protection and anti-corrosion products. Halar® 6014F shows good chemical, electrical and thermal properties. The purity is high, easy to process, and has the best permeability and flame retardancy. In addition, with Halar® Compared with 6014, Halar® 6014F coating can obtain thicker coating, as well as very excellent surface finish and hardness. Halar® The main features of 6014F include:

high film formation

very good chemical resistance

Excellent thermal performance

best permeability resistance

excellent flame retardancy

Very good surface properties

high purity

General Information			
Features	Semicrystallization		
	High purity		
	Workability, good		
	Good electrical performance		
	Good corrosion resistance		
	Good chemical resistance		
	Thermal stability, good		
	High hardness		
	Excellent appearance		
Uses	Coating application		
Appearance	Clear/transparent		
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)	7.0	g/10 min	ASTM D3275
Average Particle Size <sup>1</sup>	80	µm	ASTM D1921
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	225	°C	ASTM D3275
Additional Information			

## 加工

Halar® 6014F旨在作为底漆材料,直接施加到基材上.常规抗静电粉末涂层技术和流化床设备两种方式均可.

-如果采用抗静电涂料,会包括基材准备,涂层,烘烤和冷却工序.会需要重复几遍,以获得所需的Halar® 用量及无针孔涂层.如果采用流化床设备,预热产品可以直接浸渍到硫化粉末上,然后再进行烘烤.浸渍和烘烤操作可以重复多次,以获得多次涂层以及期望的涂层厚度.-Halar® 6014F可以单独使用,不需要进一步配混.不管采用哪种技术,基材准备,预热,涂层和烘烤参数都必须控制好,以获得无瑕疵涂层产品及理想的结合效果.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,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® 6014F 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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