

Hyflon® PFA P7010

Perfluoroalkoxy
Solvay Specialty Polymers

Message:

Hyflon® PFA P7010 is a transparent semi-crystalline perfluororesin suitable for melt processing. It is specially developed for anti-static powder coating. It is especially recommended for top coat for anti-sticking products. Hyflon® PFA P7010 has very low surface energy, extremely low friction coefficient and excellent thermal stability and flame retardancy. In addition, Hyflon® PFA P7010 coating shows excellent surface finish and smoothness, excellent anti-tack, and can maintain the same performance in a wide temperature range. HYFLON®The main features of PFA P7010 include:

- Very low surface energy
- Excellent anti-stickiness
- Very low coefficient of friction
- Excellent surface finish
- Excellent heat resistance

General Information			
Features	Semicrystallization		
	Low friction coefficient		
	Thermal stability, good		
	Excellent appearance		
Uses	Coating application		
Appearance	Clear/transparent		
Forms	Powder		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.15	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (372°C/5.0 kg)	10 - 17	g/10 min	ASTM D1238
Average Particle Size ¹	25	µm	Internal method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	300 - 310	°C	ASTM D4591
Additional Information			

加工
Hyflon® PFA P7010旨在作为面漆材料,施加到底漆涂层的基材上.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,涂层,烘烤和冷却. Hyflon® PFA P7010可以单独使用,不需要进一步配混.会需要重复几遍,以获得所需的PFA用量及涂层厚度.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,Hyflon® 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Hyflon®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
Hyflon® PFA P7010用一次性桶包装,每桶10公斤.每只桶内有两只聚乙烯树脂衬袋.

NOTE	
1.	Laser diffraction

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