

# TP560 砂纹剂

## ● 产品介绍

本品是一种改性的有较高流动性的高纯度氟碳聚合物，用于粉末涂料用砂纹剂。它经过特殊工艺处理，全氟辛酸（PFOA）含量低于25ppb，符合欧盟REACH (EU) 2017/1000, (EC) No. 1907/2006标准。添加较少的用量能产生细腻均匀的砂纹效果，涂层纹理清晰，手感细腻、清爽，耐磨、抗刮伤性极好。

## ● 产品特性

- 极佳的砂纹控制效果
- 极强的消光效果
- 流动性好，易于分散、使用一致性好
- 赋予涂膜极佳的表面抗刮伤性

## ● 添加量与使用方法

- 建议添加量0.2-1%
- 在高使用量时，易得到稳定的光泽和砂纹效果
- 适用于混合体系和聚酯体系
- 在挤出前，需要和配方中其他组份预先进行充分均匀混合

## ● 包装储存

- 高强度纸箱、内衬聚乙烯袋包装，净重：25公斤/桶
- 贮存于阴凉干燥通风处

## ● 技术指标

	典型值	单位	测试方法
外观	自由流动 白色粉末	-	目视
密度	2.2	g/cm <sup>3</sup>	ASTM D-2320
堆积密度	560	g/L	ASTM D-4895
DSC 熔点	327	°C	ASTM D-4591
粒径	40	μm	激光衍射

## ● 注意事项

- 开袋后未用完产品应扎紧袋口，以防吸潮
- 本品禁止重压，亦不得单独对本品进行高速搅拌，以免结团后不易分散

## ● 监管状态

见本品的安全数据表（SDS）。

# TP560 Texture

## ● Product Description

TP560 is a modified high purity fluoropolymer resin with good free flowing behavior, used as excellent texturing agent for powder coatings. After special process treatment, the content of PFOA is less than 25ppb, which conforms to the European Union REACH (EU) 2017/1000, (EC) No.1907/2006. Adding a small amount of dosage can obtain fine and uniform surface texture as well as excellent wear and scratch resistance.

## ● Special Features/ Benefits

- Excellent control of texturing
- Strong matting effect
- Good free-flowing, easy disperse, good reproducible gloss and texturing effect
- Enhanced scratch resistance

## ● Applications

- 0.2-1% on total formulation weight
- At higher addition level, a reproducible gloss and texturing effect can be obtained
- Used in hybrid or polyester systems
- Incorporated into the powder premix prior to extrusion. Mixing sufficiently to achieve an uniform texturing effect

## ● Packaging /Storage

- TP560 is packed 25kg/package in high strength carton lined with polyethylene bag.
- TP550 should be stored on pallets in clean, dry place. Shelf life is 18 months from date of shipment. After this, product should be tested before use.

## ● Physical Characteristics

	Typical Values	Units	Method
Appearance	Free-flowing White Powder	-	Visual
Specific Gravity	2.2	g/cm <sup>3</sup>	ASTM D-2320
Bulk Density	550	g/L	ASTM D-4895
DSC Melting Point	327	°C	ASTM D-4591
Particle Size	40	µm	Laser Diffraction

## ● Attention Issues

- The bag should be tied tightly to prevent moisture for unused products.
- No heavy pressure. No mixing the product alone in high speeds to avoid agglomerating.

## ● Regulatory Status

Please see the product's current safety data sheet, SDS, for regulatory status.