

产品描述

含氟助剂TP112B是具有流动性的白色PTFE微粉。TP112B作为助剂用于其他材料加工时具有很低的表面能，同时也有氟聚合物的其他性能。本产品非常适合于添加在要求较窄粒径分布的油墨和涂料中。应用于皮革中可以改善其润滑性和耐磨性；在润滑剂中加入本品可以有效提高在严苛工作环境下的性能。TP112B可以在-190°C ~ 250°C (-310 °F ~480 °F) 之间使用。

TP112B通常用作加工助剂，也可以作为润滑剂单独使用，但不能用来替代高分子量的PTFE悬浮或分散树脂进行挤出和模压加工。

TP112B几乎对所有的化学品和溶剂是惰性的，也不吸收水分，具有很好的电器绝缘性和耐候性。

FDA Compliance

TP112B已通过US FDA 21 CFR 175.300检测。

包装

20公斤桶装。每27桶一个铲板，方便运输和仓储。

安全警示：吸入蒸发物会导致伤害！

使用本产品前请仔细阅读〈材料安全数据表〉(MSDS)，该表可向供应商索取。

必须在通风良好的地方打开本品的包装和使用。吸入高温加工时产生的蒸发物或吸食被污染的烟草会出现流感症状（发冷、高烧、喉咙痛）。必须在充分通风的工作环境中进行高温加工，不要吸食被本产品污染的烟草。

技术指标



项目	测试标准	单位	指标	典型值
堆积密度	ASTM D4895	g/L	150-450	220
熔点	ASTM D4895	°C	322±5	326
平均粒径	激光衍射法	µm	2-6	D ₅₀ =2.5; D ₉₉ <14
比表面积	ASTM D4567	m ² /g	1-7	3-5
NPIRI	ASTM D 1316	-	0-2.5	2
外观	诺升标准	-	白色	白色

Description

Fluoroadditive TP112B is a white PTFE powder specialized for use as an additive to impart low surface energy and other fluoropolymer attributes. TP112B is well suited for added in inks and coatings where a narrow particle size distribution is desired. It could improve lubricity and wear resistance when with plastics and rubbers. Added to lubricants, it can enhance performance under severe conditions. TP112B can be used at temperature from -190°C to 250°C (-310 °F to 480 °F).

TP112B is generally designed to use as an additive, although it can also be used alone as a dry lubricant. It is unsuitable to be used as a molding or extrusion resin to replace for any of the high molecular weight PTFE resin.

TP112B is inert to all chemicals and solvent. It is a good electrical insulator, does not absorb water, and is highly resistant to weathering.

FDA Compliance

TP112B may be used as a component of articles intended

for repeated use in contact with food in compliance with US FDA 21 CFR 175.300.

Packaging

TP112B is packaged in 20kg drum. 27 drums are packaged on one pallet for easy shipping, handling and storage.

Safety Precautions

Before using TP112B, please read the Material Safety Data Sheet (MSDS—available from Norshine, the producer) carefully.

Open and use containers only in well-ventilated areas using local exhaust ventilation. Vapor and fumes liberated during hot processing, or from smoking tobacco or cigarettes contaminated with TP112B may cause flu-like symptoms (chill, fever, sore throat). Vapor and fumes liberated during hot processing should be exhausted completely from work area. Contamination of tobacco with TP112B should be avoided.

Specifications



Property	Test Method	Unit	Specification	Typical Value
Average Bulk Density	ASTM D4895	g/L	150-450	220
Melting Point	ASTM D4895	°C	322±5	326
Average Particle Size	Laser Diffraction	µm	2-6	D ₅₀ =2.5; D ₉₉ <14
Specific Surface Area	ASTM D4567	m ² /g	1-7	3-5
NPIRI Grind	ASTM D 1316	-	0-2.5	2
Appearance	Norshine standard	-	White	White

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