

ATP®-924x

High-Temperature Protective Coating For Steel

不锈钢高温防护涂层

● Description 描述

A water-based high-temperature protective coating to control the formation of oxide scale tool and stainless steels.

这是一款专为工具钢及不锈钢定制的水基高温防护涂层，旨在高效抑制其表面氧化皮的形成

● Performance Characteristics 性能特征

- effective temperature range 1700-2300° F (927-1260° C)
有效温度范围 1700-2300° F (927-1260° C)
- retards the formation of oxide scale
高效抑制氧化皮的形成
- exceptional insulating properties and thermal stability
卓越的保温性能与热稳定性
- demonstrates heat retention properties for improved performance in hot working operations
优良的保温性以提高热加工操作的性能
- outstanding coverage & performance in one coat
单次涂覆即可实现卓越的覆盖性能
- demonstrates exceptional green strength upon proper drying to withstand cracking, chipping, and peeling
在适当的干燥条件下，具有良好的生坯强度，能够承受开裂、切削、剥落等
- provides excellent rheological properties for dipping and spraying applications
为浸涂和喷涂提供优良的流变性能
- coating can be diluted with water to obtain desired spray viscosity - do not over-thin coating
涂料可以用水稀释以获得所需的喷射粘度，切勿过度稀释

● Recommendations for Use 使用指导

- thoroughly suspend and mix before use
使用前充分搅拌均匀
- metal surfaces must be free of dirt, oil, grease, metal oxides, and other materials
金属表面不得有污垢、油污、金属氧化物或其它物质
- coating thickness depends on the time and temperature of exposure (generally, the higher the temperature and longer exposure, the thicker the coating should be applied)
涂层厚度取决于暴露时间和温度(一般温度越高，暴露时间越长，涂层越厚)



- a wet film thickness of 5 ± 2 mil should be optimal
最佳湿膜厚度为 5 ± 2 mil
- ensure bottom coat is thoroughly dried when applying multiple coats
多层涂覆时，应确保底层完全干燥
- water-based coatings need ample time to completely dry before entering furnace (can be applied over preheated substrate to accelerate drying time)
水基涂料需完全干燥后方可入炉(可涂覆于预热后的基材上以加速干燥)

● Typical Properties 典型属性

| | |
|---|------------------|
| % Solids 固体含量 | 55.0-60.0 |
| Vehicle 溶剂 | Water 水 |
| Viscosity (@ 25°C) as Supplied 粘度 (CPS) | 2000-3000 |
| Weight/Gallon (lbs) 重量 (磅/加仑) | 11.85 ± 0.25 |
| Specific Gravity 比重 | 1.40-1.45 |
| Color 颜色 | White 白色 |
| Shelf Life 有效期 | 2 years 年 |

● Product Safety 产品安全

Before handling the materials listed in this bulletin, read and understand the product SDS (Safety Data Sheet) for additional information on personal protective equipment and for safety, health, and environmental information.

在处理本公告所列材料前，应阅读并了解 SDS（安全数据表）以获得关于个人防护装备、安全、健康和环境信息等额外信息。

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

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● Storage and Handling 存储及处理

ATP®-924x should be stored indoors in the original unopened and undamaged container, in a dry place at a temperature not exceeding 40°C . Exposure to direct sunlight should be avoided.



ATP®-924x 应存放于室内，保持原包装未开封且完好无损，存放环境需干燥且温度不超过 40° C，应避免阳光直射。

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For further information and more product details, packaging and safety data sheets, contact us as below:

欲了解更多产品信息、包装和安全数据表，请与我们联系

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