



Nap-Gard®

7-3500T

Tan FBE Tank Coating

Revised: 5 October 2022

DESCRIPTION

Nap-Gard® 7-3500T is a thermosetting epoxy powder designed as a coating for pipe and tank. Nap-Gard® 7-3500T is certified to NSF/ANSI/CAN 61, Drinking Water System Components and NSF/ANSI/CAN 51, Food Equipment Materials and complies with the Food & Drug Administration's Code of Federal Regulation, Title 21; Section 175.300; Resins & Polymeric Coatings; for indirect food contact surfaces applications. For NSF/ANSI/CAN 61 applications, the maximum recommended film thickness is 10 mils.



TYPICAL POWDER PROPERTIES

Color:	Tan	Theoretical Coverage:	132 Ft ² /lb/mil
Specific Gravity:	1.46 ± .05	Density:	1460 ± 50 g/L
		CSA Z245.20-22	
		(Section 12.6.2.3)	
Shelf Life*:	12 months		
@ 25°C (77°F)			
@ 50% RH			

* Transportation: The material is stable during transportation at temperatures below 25°C (77°F) and 50% RH.

TYPICAL PROPERTIES OF APPLIED FILM*

Recommended Film Thickness		Average	6 – 10 mils 8 mils
TEST / REQUIREMENT**	METHOD	CRITERIA	RESULT
Gloss at 60°	ASTM D523	65-75	Pass
PCI Smoothness	DPC TM10.219	≥6	Pass
Overbake Resistance, Time	ASTM D2454	100%	Pass
Pencil Hardness	ASTM D3363	6H	Pass
Adhesion, Cross Hatch	ASTM D3359	5B	Pass
Flexibility, Mandrel	ASTM D522	1/8 in. dia. no fracture	Pass
Salt Spray	ASTM B117	1000 hrs	Pass
Steel Enclosures, Elect. Eq.	UL DTOV2 Organic Coating	Recognized	

**Tested at 5.0-6.0 mil of film thickness; coated by E-static spray or hot spray; cured at 400°F substrate temperature for 10 min; substrate is 0.032 in. CRS; pretreatment: Bonderite® 1000, Parcolene ©60.



GENERAL APPLICATION PARAMETERS

- The recommended powder application temperature range is 226°C (438°F) to 253°C (488°F)
- The minimum post application curing temperature (as measured on the coated substrate), and the time to quench may conform to the following cure schedule: 60 Seconds at 462°F metal temperature.
- Cure should be verified by DSC or other methods.

Always consult product Material Safety Data (SDS) prior to handling.

WARRANTY POLICY: Axalta Powder Coating Systems USA, Inc. ("Seller") certifies that all coatings delivered to Customer in unopened factory filled containers meet all pertinent quality standards presented in Seller's current published literature. Since matters of surface preparation, application procedures, curing procedures and other local factors that affect coating performance are beyond Seller's control; Seller assumes no liability for coating failure other than to supply replacement material for coating material proven to be defective. Customer will determine suitability of this product for its use and thereby assumes all risks and liabilities in connection therewith. Seller will not be liable for any injuries, damages or other losses derived, directly or indirectly, from or as a consequence of Customer's use of the product. **SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING TO ITS PRODUCTS AND THEIR APPLICATION, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES.**

