

Aremco Pyro-Paint™ 634-BN High Temperature Refractory Coating

Category : Ceramic , Nitride

Material Notes:

This highly-filled boron nitrite solution is extremely lubricious and inert. They are non-wetted by molten salts, glasses, plastics, and most metals including aluminum and magnesium. Select 634-BN for hard coat; 634-BN(SC) for softer, lubricious coat.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Pyro-Paint-634-BN-High-Temperature-Refractory-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	
Density	1.14 g/cc	0.0411 lb/in ³	
Solids Content	21.6 %	21.6 %	volume
	38.6 %	38.6 %	weight
pH	11 - 12	11 - 12	Coating pH
Viscosity	500 - 1500 cP	500 - 1500 cP	
Storage Temperature	4.44 - 32.2 °C	40.0 - 90.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	849 °C	1560 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Cure Time	120 min	2.00 hour	>2 Hour Air Set Required Prior to Curing
	@Temperature 93.3 °C	@Temperature 200 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	White	
Coverage ft ² /gal	345	Theoretical Coverage at 1 mil dry film thickness
Thinner	634 BN-T	
Weight/Gallon	9.5 lbs	

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