

**Aremco Pyro-Paint™ 634-YO High Temperature Refractory Coating, YO >95%**

Category : Ceramic , Oxide

**Material Notes:**

This ultra high temperature yttrium oxide coating provides exceptional protection of graphite, ceramic and metal components exposed to reactive molten metals such as titanium, uranium and their alloys. Usable in vacuum and inert atmospheres to 3630 °F (2000 °C).

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aremco-Pyro-Paint-634-YO-High-Temperature-Refractory-Coating-YO-95.php](http://www.lookpolymers.com/polymer_Aremco-Pyro-Paint-634-YO-High-Temperature-Refractory-Coating-YO-95.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	
Solids Content	23 %	23 %	volume
	42.7 %	42.7 %	weight
pH	7.0 - 8.0	7.0 - 8.0	Coating pH
Viscosity	200 - 400 cP	200 - 400 cP	
Storage Temperature	4.44 - 32.2 °C	40.0 - 90.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1500 °C	2732 °F	
Flash Point	23.9 °C	75.0 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Cure Time	60.0 min	1.00 hour	>0.5 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	Off-White	
Coverage ft <sup>2</sup> /gal	370	Theoretical Coverage at 1 mil dry film thickness
Thinner	634-YO-T	
Weight/Gallon	12 lbs	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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