

3M Scotchkote™ 206N XTRA LG Fusion Bonded Epoxy Coating

Category : Polymer , Thermoset , Epoxy

Material Notes:

Scotchkote Fusion Bonded Epoxy coating 206N XTRA LG is one-part, heat curable, thermosetting, powdered epoxy coating with extended gel for coating the interior of line pipe and fittings, valves, and couplers. Scotchkote coating 206N XTRA LG is NSF/ANSI 61 certified for potable water applications and is also resistant to corrosive soils, hydrocarbons, harsh chemicals and sea water. Scotchkote coating 206N XTRA LG meets the requirements of ASSA Standard C213 and C550. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchkote-206N-XTRA-LG-Fusion-Bonded-Epoxy-Coating.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	
Water Absorption	1.46 %	1.46 %	ASTM D570-95
Water Vapor Transmission	4.05 g/m ² /day	0.261 g/100 in ² /day	ASTM D1653

Mechanical Properties	Metric	English	Comments
Impact Test	18.1 J	13.3 ft-lb	0.32 cm x 7.6 cm x 7.6 cm, 1.6 cm diameter tup; ASTM G14
Abrasion	0.11	0.11	[g]; ASTM D4060

Electrical Properties	Metric	English	Comments
Dielectric Strength	52.95 kV/mm	1345 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	18.0 min @Temperature 193 °C	0.300 hour @Temperature 379 °F	
Gel Time	0.666666 - 1.00 min @Temperature 232 °C	0.666666 - 1.00 min @Temperature 450 °F	
	1.50 - Error in fixSigDigits: @digits must be between 1 and 12. @digits is: 15 min @Temperature 193 °C	1.50 - Error in fixSigDigits: @digits must be between 1 and 12. @digits is: 15 min @Temperature 379 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
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Appearance Descriptive Properties	Light Gray, Mid Gray, Dark Gray, Stone, Red, Mid Green Value	Comments
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