

Abatron AboThane 8003-3 Polyurethane Coating

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

AboThane 8003-3 is a clear one-package, moisture-cure polyurethane coating for hardwood, concrete and seamless floors. It was designed for high flexibility, excellent wear and antiskid properties, and abrasion, chemical and corrosion resistance. Suggested Uses: Floors in warehouses, factories, chemical and food processing plants, gymnasiums, laboratories, clinics, hospitals, classrooms, offices, stores, RR boxcars, seamless floors, aircraft and missile plants, homes and garages, restaurants, and etc. Information provided by Abatron.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboThane-8003-3-Polyurethane-Coating.php

Physical Properties	Metric	English	Comments
Density	0.959 g/cc	0.0346 lb/in ³	
Solids Content	40 %	40 %	
Viscosity	60 - 125 cP @Temperature 25.0 °C	60 - 125 cP @Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	150 %	150 %	Direction not specified
Impact Test	>= 18.1 J	>= 13.3 ft-lb	
Taber Abrasion, mg/1000 Cycles	10	10	S17, 1000 g load
Film Tensile Strength at Break, MD	24.1 MPa	3500 psi	Direction not specified

Thermal Properties	Metric	English	Comments
Flash Point	26.7 °C	80.0 °F	Closed cup

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 1.0	<= 1.0	

Processing Properties	Metric	English	Comments
Dry Time	2.5 hour	2.5 hour	Tackfree
	12 hour	12 hour	Light traffic ready
	24 hour	24 hour	Normal traffic ready

Descriptive Properties	Value	Comments
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Descriptive Properties	Value s 1/8"	Comments
Sward Hardness	23	1 day
	26	1 week

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