

Innothane® IE-3067

Polyurethane Thermoset Elastomer

Innovative Polymers, Inc.

Message:

IE-3067 is a rigid polyurethane spray coat formulated for meter mix dispensing. Excellent physical properties can be obtained with a room temperature cure without the utilization of mercury, MOCA or TDI. This product was developed to be used where vertical lay-ups are required.

General Information			
Features	High Rigidity		
Uses	Coating Applications		
RoHS Compliance	RoHS Compliant		
Appearance	White		
Processing Method	Spraying		
Physical	Nominal Value	Unit	
Specific Gravity			
Hardener	1.22	g/cm ³	
Cured	1.24	g/cm ³	
Base Resin	1.34	g/cm ³	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	4380	MPa	ASTM D790
Flexural Strength	78.6	MPa	ASTM D790
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 100		
Hardener	Mix Ratio by Weight: 91		
	Mix Ratio by Weight: 100		
Resin	Mix Ratio by Volume: 100		
Demold Time	15 to 25	min	
Uncured Properties	Nominal Value	Unit	Test Method
Viscosity			
25°C ¹	2.5	Pa · s	
25°C ²	16	Pa · s	
Curing Time (25°C)	1.7E+2	hr	
Gel Time	2.0 to 4.0	min	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	65 to 75		ASTM D2240

NOTE

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| 1. | Hardener |
| 2. | Resin |

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