

Elastoflex® NA 3532/108 Resin / NA 118/4

Isocyanate

Polyurethane (MDI)

BASF Corporation

Message:

MDI-based Polyurethane rigid foam for Honeycomb Sandwich Composite Applications

General Information		
Features	Rigidity, high	
Uses	Foam	
Physical	Nominal Value	Unit
Specific Gravity		
Matrix resin	1.08	g/cm ³
Hardener ¹	1.23	g/cm ³

Additional Information		
Liquid Component:		
Mix Ratio 125 Index by weight (Calculated): 100 Resin, 225.0 Isocyanate		
Mix Ratio 125 Index by volume (Calculated): 100 Resin, 197.6 Isocyanate		
Specific Gravity, Resin at 25°C: 1.08 g/cm ³		
Specific Gravity, Isocyanate at 25°C: 1.23 g/cm ³		
Viscosity, Resin at 25°C: 1490 cP		
Viscosity, Isocyanate at 25°C: 275 cP		
Processing parameters:		
Component Temperature: 75 to 110°F Resin, 75 to 110°F Isocyanate		
Mold Temperature: >230°F		
Demold Time: 45 to 60 sec		
Throughput: 30 to 80 g/sec		
Mix Pressure: 1700 to 2400 psi		
Hand Mix at 77°F:		
Cream Time: 83 sec		
Top of Cup: 99 sec		
String Gel: 104 sec		
Rise Time: 123 sec		
Free Rise Density: 20.58 lb/ft ³		

NOTE		
1.	Isocyanate	

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