

# Elastoflex® 28100R Resin / 28100T Isocyanate

Polyurethane (MDI)

BASF Corporation

## Message:

An MDI-based, low-emissions foam system designed for automotive flexible foam applications.

General Information		
Features	Low volatilization	
	Good flexibility	
Uses	Foam	
	Application in Automobile Field	
Physical	Nominal Value	Unit
Specific Gravity		
Matrix resin	1.03	g/cm <sup>3</sup>
Hardener <sup>1</sup>	1.21	g/cm <sup>3</sup>
Additional Information		
Physical constants:		
Specific gravity, resin at 25°C: 1.025 g/cm <sup>3</sup>		
Specific gravity, isocyanate at 25°C: 1.206 g/cm <sup>3</sup>		
Viscosity, resin at 25°C: 1390 cP		
Viscosity, isocyanate at 25°C: 94 cP		
Processing parameters:		
Mix Ratio - Parts by weight at 100 Index, Iso : Resin: 1.025		
Component temperatures: 24 to 32°C		
Demold Time: 3 to 4 min		
Mix pressure: 130 to 160 bar		
Mold Temperature: 54 to 63°C		
High pressure machine reactivity:		
Cream Time: 10 sec		
String gel time: 61 sec		
Rise time: 77 sec		
Free rise density: 37.9 kg/m <sup>3</sup>		
NOTE		
1.	Isocyanate	

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## Recommended distributors for this material

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