

IsoFil® MG-2

Polyurethane (MDI)

Pathway Polymers

Message:

IsoFil® is a two-component system consisting of Catalyst blend (side A) and Prepolymer (side B). It is designed to be used where high level of mechanical properties of cured material is desired.

General Information		
Appearance	Brown	
Forms	Liquid	
Hardness	Nominal Value	
Durometer Hardness (Shore A)	24 to 28	
Elastomers	Nominal Value	Unit
Tensile Strength (Break)	2.36	MPa
Tensile Elongation (Break)	300	%
Tear Strength		
-- ¹	12.5	kN/m
Split	1.2	kN/m
Bayshore Resilience	72	%
Thermoset	Nominal Value	Unit
Shelf Life	26	wk
Thermoset Mix Viscosity		
25°C ²	420	cP
25°C ³	350	cP
Gel Time	25.0 to 30.0	min
Cure Time (25°C)	2.0	day
Mixing Ratio		
-- ⁴	101:100	
-- ⁵	100:100	
Processing Temperature ⁶	21 to 27	°C
Fill Analysis	Nominal Value	Unit
Melt Density		
25°C ⁷	1.06	g/cm ³
25°C ⁸	1.05	g/cm ³
NOTE		
1.	Die C	
2.	Prepolymer (side B)	
3.	Catalyst (side A)	
4.	by weight (±5%)	
5.	by volume (±5%)	

6.	for both Catalyst (side A) & Prepolymer (side B)
7.	Prepolymer (side B)
8.	Catalyst (side A)

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

