TyrFil® XL-Low Odor

Polyurethane (MDI)

Pathway Polymers

Message:

TyrFil® XI-Low Odor is a two-component system consisting of Catalyst blend (side A) and Prepolymer (side B). It is designed to be used for filling tires.

Features Low to No Odor Uses Tire Repair Appearance Brown Forms Uquid Hardness Nominal Value Durometer Hardness (Shore A) 23 to 27 Elastomers Nominal Value Unit Tensile Strength (Break) 170 MPa Tensile Florgation (Break) 200 % Tear Strength M/m Solid Split 2.8 M/m Bayshore Resilience 72 % Browness Nominal Value Unit Thermoset Nominal Value Unit Shelf Ufe 5.2 % System (Besilience) 7.2 % 25°C 2 600 to 700 P Gel Time 2.5 to 30.0 min Guir Time (25°C) 2.0 day Mixing Ratio 2.1 C Li 27 "C Flan Analysis Invited William (American School) Unit Mixing Ratio 1.1 C	General Information			
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25°C³ 300 to 400 cP Gel Time 25.0 to 30.0 min Cure Time (25°C) 2.0 day Mixing Ratio — ** 100:102 ** 1:1 **C Fill Analysis Nominal Value Unit Melt Density 25°C ** 1.00 g/cm³ 25°C ** 0.980 g/cm³ NOTE 1. Die C 2. Prepolymer (side B) 3. 3. Catalyst (side A) C**	Thermoset Mix Viscosity			
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Cure Time (25°C) 2.0 day Mixing Ratio 4 100:102	25°C ³	300 to 400	сР	
Mixing Ratio 4 100:102 5 1:1 Processing Temperature 6 21 to 27 °C Fill Analysis Nominal Value Unit Melt Density 25°C 7 1.00 g/cm³ 25°C 8 0.980 g/cm³ NOTE 1. Die C 2. Prepolymer (side B) 3. Catalyst (side A)	Gel Time	25.0 to 30.0	min	
⁴ 100:102 ⁵ 1:1 Processing Temperature ⁶ 21 to 27 °C Fill Analysis Nominal Value Unit Melt Density 25°C ⁷ 1.00 g/cm³ 25°C ⁸ 0.980 g/cm³ NOTE 1. Die C 2. Prepolymer (side B) 3. Catalyst (side A)	Cure Time (25°C)	2.0	day	
⁵ 1:1 Processing Temperature ⁶ 21 to 27 Fill Analysis Nominal Value Unit 25°C ⁷ 1.00 g/cm³ 25°C ⁸ NOTE 1. Die C 2. Prepolymer (side B) 3. Catalyst (side A)	Mixing Ratio			
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Fill Analysis Nominal Value Unit Melt Density 25°C ⁷ 1.00 g/cm³ 25°C ⁸ 0.980 g/cm³ NOTE 1. Die C 2. Prepolymer (side B) 3. Catalyst (side A)	⁵	1:1		
Melt Density 25°C 7 1.00 g/cm³ 25°C 8 0.980 g/cm³ NOTE 1. Die C 2. Prepolymer (side B) 3. Catalyst (side A)	Processing Temperature ⁶	21 to 27	°C	
25°C 7 1.00 g/cm³ 25°C 8 0.980 g/cm³ NOTE 1. Die C 2. Prepolymer (side B) 3. Catalyst (side A)	Fill Analysis	Nominal Value	Unit	
25°C 8 0.980 g/cm³ NOTE 1. Die C 2. Prepolymer (side B) 3. Catalyst (side A)	Melt Density			
NOTE 1. Die C 2. Prepolymer (side B) 3. Catalyst (side A)	25°C ⁷	1.00	g/cm³	
1.Die C2.Prepolymer (side B)3.Catalyst (side A)	25°C ⁸	0.980	g/cm³	
 Prepolymer (side B) Catalyst (side A) 	NOTE			
3. Catalyst (side A)	1.	Die C		
·	2.	Prepolymer (side B)		
4. by weight (±5%)	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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