TyrFil® XL-Low Odor

Polyurethane (MDI)

Pathway Polymers

Message:

TyrFil® Xl-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.

General Information		
Features	Low to No Odor	
Uses	Tire Repair	
Appearance	Brown	
Forms	Liquid	

Hardness	Nominal Value	
Durometer Hardness (Shore A)	23 to 27	

Elastomers	Nominal Value	Unit
Tensile Strength (Break)	170	MPa
Tensile Elongation (Break)	200	%
Tear Strength		
-- [1]	45.0	kN/m
Split	2.8	kN/m
Bayshore Resilience	72	%

Thermoset	Nominal Value	Unit
Shelf Life	52	wk
Thermoset Mix Viscosity		
25°C [2]	600 to 700	cP
25°C [3]	300 to 400	cP
Gel Time	25.0 to 30.0	min
Cure Time (25°C)	2.0	day
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)
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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