

# Product Data Sheet

# BASF

Urethane Specialties

## AUTOFROTH 9453

A-side (isocyanate) component	9300A
B-side (polyol) component	98-B-9453 RESIN
Ratio by weight (A/B)	100/98 ± 5
Free-rise Density (lb/ft <sup>3</sup> - <u>Using split mixer</u> )	1.95 ± 0.1
Nominal Reactivity (minutes:seconds):	
- String Gel	1:40
- Tack-free	2:40
Component Temperatures (°F):	80 ± 3
Mold Temperatures (°F):	85-100
ASTM E-84 (UL file # R5692):	
Flame Spread <sup>*</sup> /Smoke Density	20/400
In-place Density (lb/ft <sup>3</sup> )	2.3
K-factor (BTU/hr/in/ft <sup>2</sup> /°F)	0.15
Dimensional Stability:	
-20 °F (7 days)	-1 (% Volume change)
158 °F, ambient R.H. (28 days)	-1
100 °F, 100 % R.H. (28 days)	1
158 °F, 100 % R.H. (28 days)	4
200 °F, ambient R.H. (28 days)	3
	<u>Parallel / Perpendicular</u>
Compression Strength (psi)	24 / 23
Tensile Strength (psi)	43 / 39
Shear Strength (psi)	26 / 26
Shear Modulus (psi)	180 / 180

\* This numerical flame spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

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<sup>\*</sup>Warning! These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.

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