

*Polyurethane Specialty Products Group*

**AIRTHANE® PHP-70A**  
*TDI-Polyether Prepolymer*

Prepolymer Properties

	Typical
NCO (%)	2.2
Viscosity (cPs) - 40 °C	3,800 - 4,200
- 70 °C	800 - 1,000
Residual TDI (%)	< 0.1

Processing Conditions

MBOCA Level, 95% Stoichiometry (%)	6.6
Airthane Temperature (°C)	70
Pot Life (Min.) - 75 °C	38.5
Demold Time (Min.)	120
Post Cure (Hrs./Temp. °C)	18/100

Typical Elastomer Properties  
(MBOCA Cured)

Hardness (Shore A)	70
Tensile Modulus, psi	
100%	350
300%	550
Ultimate Tensile, psi	1,300
Elongation, %	650
Tear Resistance (PLI)	
Die C	200
Split	30
Compression Set, %	25
Rebound, %	60

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