

Polyurethane Specialty Products Group**AIRTHANE® PST-70A
TDI-Polyester Prepolymer****Prepolymer Properties**

	Typical
NCO (%) (WT)	2.1 - 2.4
Viscosity (cPs) - 50 °C	11,000 - 12,500
- 70 °C	3,200 - 4,000
Residual TDI (%)	< 0.1

Processing Conditions

MBOCA Level, 95% Stoichiometry (%)	7.2
Prepolymer Temperature (°C)	85
Curative Temperature (°C)	125
Gel Time (Min., 100 °C)	23
Mold Temperature (°C)	100
Demold Time (Min.)	60
Post Cure (Hrs./Temp. °C)	16/100

**Typical Elastomer Properties
(MBOCA Cured)**

Hardness (Shore A)	72
Modulus psi (MPa)	
100% Elongation	400 (2.8)
300% Elongation	600 (4.1)
Tensile Strength psi (MPa)	6,000 (41.4)
Elongation (%)	800
Tear Resistance PLI (N/mm)	
Die C	280 (49)
Split	70 (12)
Trouser	125
Compression Set (%), Method B:	
25% deflection, 22 hrs at 70 °C	40
Rebound (%)	40



To Order or Obtain More Information

If you would like to place an order or receive additional information, please write or call Air Products at the following location.

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