



Improvement in Quality Activities Canada Inc.



Product Information

PCA 6

POLYETHER/TDI ELASTOMER

PREPOLYMER PROPERTIES

% NCO	6.05-6.55
AMINE EQUIVALENT	640-690
APPEARANCE @ 77°F	LIQUID*
TYPICAL VISC. @212°F, CPS.	250

PROCESSING INFORMATION

CURATIVE	MOCA
CURATIVE, pph	18.1
STOICHIOMETRY, %	90
PREPOLYMER TEMP, °F	160
CURATIVE TEMP, °F	240
POT LIFE, minutes	6-7

ELASTOMER PROPERTIES **

SHORE A HARDNESS	95
SHORE D HARDNESS	48
100% MODULUS, psi.	2200
300% MODULUS, psi.	4400
TENSILE STRENGTH, psi	6800
ELONGATION, %	385
TEAR STRENGTH, DIE C, pli	900
TEAR STRENGTH, D-470, pli	130
BASHORE RESILIENCE, % REBOUND	40
COMPRESSION SET, % (METHOD B, 22hrs. @ 158°F)	30

* MAY SOLIDIFY UPON PROLONGED STANDING.
CURED 1 hr @ 212 F; POSTCURED 24 hrs @158F

Polyurethane Corporation of America
Polyurethane Specialties Company, Inc.

624 Schuyler Avenue • P.O. Box 628 • Lyndhurst, New Jersey 07071

Phone: (201) 438-2325 • Fax: (201) 507-1367