

# Andur 1-83 AP

Polyurethane (Polyether, TDI)  
Anderson Development Company

## Message:

Andur 1-83 AP is a polyether (PTMG) based liquid, toluene diisocyanate terminated prepolymer. An elastomer with a hardness of 83-85 Shore A is obtained when this prepolymer is cured with Curene 442 [4,4'-methylene-bis (orthochloroaniline)]. Elastomers of lower hardness can be obtained by curing Andur 1-83 AP with polyols and their combination with Curene 442 and other diamines, or through the use of plasticizers.

General Information			
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity	ASTM D2393		
70°C	1800	cP	ASTM D2393
100°C	640	cP	ASTM D2393
Additional Information			

NCO: 3 to 3.4%Viscosity, 70°F: Wax cpsSpecific Gravity, ASTM D792, 70°F: 1.05 g/mlSpecific Gravity, ASTM D792, 212°F: 0.997 g/ml

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