

Andur 80-5 AP

Polyurethane (Polyether, TDI)
Anderson Development Company

Message:

Andur 80-5AP 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 80-5AP 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 ³	ASTM D792
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity	ASTM D2393		
70°C	2600	cP	ASTM D2393
100°C	800	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: 1.035 g/ml

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