

Andur 80-5AP/Curene® 280

Polyurethane (Polyether, TDI)
Anderson Development Company

Message:
All properties based on Andur® 80-5AP cured with Curene® 280

General Information			
Forms	Liquid		
Processing Method	Casting		
Hardness	Nominal Value	Test Method	
Durometer Hardness (Shore A)	77	ASTM D2240	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	25.7	MPa	ASTM D638
Tensile Elongation (Break)	700	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	3.63	MPa	ASTM D412
300% strain	5.79	MPa	ASTM D412
Tear Strength			
-- 1	52.5	kN/m	ASTM D624
Cracking	28	kN/m	ASTM D470
Compression Set	30	%	ASTM D395
Thermoset	Nominal Value	Unit	
Pot Life	15	min	
Post Cure Time (23°C)	72	hr	
Additional Information			
Prepolymer NCO%: 3.0-3.4Grams Curene® 280 per 100 grams prepolymer: 20.3Rebound, %: 60Stoichiometry: 0.95Prepolymer Temperature, °F: 190-210Curene® 280 Temperature, °F: 158Post Cure Time, 212°F, hours: 16			
Injection	Nominal Value	Unit	
Mold Temperature	107	°C	
NOTE			
1.	C mould		

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