

**System Number 271101**

**Polycoat-Polycast® PPG 83A**

**Typical Physical Properties  
for Cured Material**

Hardness	Shore A	83 ± 2
Ultimate Tensile	PSI	3760
Tensile Strength	PSI @100%	986
	PSI @300%	1966
Ultimate Elongation	%	238
Die C Tear	PLI	498
Split Tear	PLI	263
Resilience	% Rebound	63
Compression Set	%	41

**Typical Physical Properties  
for Components**

	A	B
Viscosity, cps	1100	720
Mix Ratio, by Weight	84.4	100

**Processing Parameters**

A-side Temperature	°F	80
B-side Temperature	°F	80
Mold Temperature	°F	150-180
Gel Time	Seconds	90
Demold Time	Minutes	10
Post Cure Time	Hours	24

Note: A-side (Polycoat-Polycast® ISO 31226) is an isocyanate-terminated (MDI) polyester prepolymer used in all the above tested.

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***Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data and instructions.***

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