

System Number 279101

Polycoat-Polycast® PPG 85A

**Typical Physical Properties
for Cured Material**

Hardness	Shore A	85 ± 2
Ultimate Tensile	PSI	3692
Tensile Strength	PSI @100%	794
	PSI @300%	1573
Ultimate Elongation	%	832
Die C Tear	PLI	439
Split Tear	PLI	67
Resilience	% Rebound	42
Compression Set	%	45

**Typical Physical Properties
for Components**

	A	B
Viscosity, cps	650	670
Mix Ratio, by Weight	55	100

Processing Parameters

A-side Temperature	°F	80
B-side Temperature	°F	80
Mold Temperature	°F	120-150
Gel Time	Seconds	80
Demold Time	Minutes	10
Post Cure Time	Hours	24

Note: A-side (Polycoat-Polycast® ISO 31181) MDI prepolymer is a modified MDI compound of diisocyanate and sufficient glycol 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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