

System Number 278903

Polycoat-Polycast® PPG 45A

**Typical Physical Properties
for Cured Material**

Hardness	Shore A	45 ± 2
Ultimate Tensile	PSI	1413
Tensile Strength	PSI @100%	191
	PSI @300%	381
Ultimate Elongation	%	1052
Die C Tear	PLI	79
Split Tear	PLI	41
Resilience	% Rebound	74
Compression Set	%	72

**Typical Physical Properties
for Components**

	A	B
Viscosity, cps	650	730
Mix Ratio, by Weight	31	100

Processing Parameters

A-side Temperature	°F	80
B-side Temperature	°F	80
Mold Temperature	°F	120-150
Gel Time	Seconds	170
Demold Time	Minutes	30
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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