

System Number	1585
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Polycoat-Polycast® PTMEG 55D

**Typical Physical Properties
for Cured Material**

Hardness	Shore D	55 ± 2
Ultimate Tensile	PSI	5407
Tensile Strength	PSI @100%	2204
	PSI @300%	4161
Ultimate Elongation	%	558
Die C Tear	PLI	928
Split Tear	PLI	277
Resilience	% Rebound	55
Compression Set	%	48

**Typical Physical Properties
for Components**

	A	B
Viscosity, cps	1100	3000
Mix Ratio, by Weight	142	100

Processing Parameters

A-side Temperature	°F	100
B-side Temperature	°F	100
Mold Temperature	°F	150-180
Gel Time	Seconds	50
Demold Time	Minutes	5
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.

Note: The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluation), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, and request technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and application.

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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