

System Number	164017
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Polycoat-Polycast® PPG Polyurea 75D

**Typical Physical Properties
for Cured Material**

Hardness	Shore D	75 ± 2
Ultimate Tensile	PSI	5983
Tensile Strength	PSI @100%	4248
	PSI @300%	
Ultimate Elongation	%	187
Die C Tear	PLI	1001
Split Tear	PLI	216
Resilience	% Rebound	41
Compression Set	%	21

**Typical Physical Properties
for Components**

	A	B
Viscosity, cps	650	790
Mix Ratio, by Weight	145	100

Processing Parameters

A-side Temperature	°F	80
B-side Temperature	°F	80
Mold Temperature	°F	150-180
Gel Time	Seconds	40
Demold Time	Minutes	5
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.

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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