

System Number	164016
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Polycoat-Polycast® PPG Polyurea 55D

**Typical Physical Properties
for Cured Material**

Hardness	Shore D	55 ± 2
Ultimate Tensile	PSI	6044
Tensile Strength	PSI @100%	2977
	PSI @300%	4543
Ultimate Elongation	%	461
Die C Tear	PLI	966
Split Tear	PLI	259
Resilience	% Rebound	63
Compression Set	%	44

**Typical Physical Properties
for Components**

	A	B
Viscosity, cps	1100	795
Mix Ratio, by Weight	181	100

Processing Parameters

A-side Temperature	°F	90
B-side Temperature	°F	90
Mold Temperature	°F	150-180
Gel Time	Seconds	60
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.

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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