

System Number	2729101
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Polycoat-Polycast® PPG Polyurea 70D

**Typical Physical Properties
for Cured Material**

Hardness	Shore D	70 ± 2
Ultimate Tensile	PSI	4700
Tensile Strength	PSI @100%	4214
	PSI @300%	
Ultimate Elongation	%	113
Die C Tear	PLI	311
Split Tear	PLI	74
Resilience	% Rebound	39
Compression Set	%	29

**Typical Physical Properties
for Components**

	A	B
Viscosity, cps	650	1530
Mix Ratio, by Weight	84.3	100

Processing Parameters

A-side Temperature	°F	85
B-side Temperature	°F	85
Mold Temperature	°F	120-150
Gel Time	Seconds	210
Demold Time	Minutes	15
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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