

<b>System Number</b>	<b>2715702</b>
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**Polycoat-Polycast® PPG Polyurea 50D**

**Typical Physical Properties  
for Cured Material**

Hardness	Shore D	50 ± 2
Ultimate Tensile	PSI	2743
Tensile Strength	PSI @100%	2495
	PSI @300%	
Ultimate Elongation	%	110
Die C Tear	PLI	505
Split Tear	PLI	84
Resilience	% Rebound	49
Compression Set	%	11

**Typical Physical Properties  
for Components**

	A	B
Viscosity, cps	650	1000
Mix Ratio, by Weight	83	100

**Processing Parameters**

A-side Temperature	°F	80
B-side Temperature	°F	80
Mold Temperature	°F	120-150
Gel Time	Seconds	70
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.

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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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