

<b>System Number</b>	<b>2727305</b>
----------------------	----------------

**Polycoat-Polycast® PPG Polyurea 70D**

**Typical Physical Properties  
for Cured Material**

Hardness	Shore D	70 ± 2
Ultimate Tensile	PSI	4713
Tensile Strength	PSI @100%	3616
	PSI @300%	
Ultimate Elongation	%	138
Die C Tear	PLI	804
Split Tear	PLI	112
Resilience	% Rebound	37
Compression Set	%	25

**Typical Physical Properties  
for Components**

	A	B
Viscosity, cps	230	1000
Mix Ratio, by Weight	120	100

**Processing Parameters**

A-side Temperature	°F	80
B-side Temperature	°F	80
Mold Temperature	°F	150-180
Gel Time	Seconds	240
Demold Time	Minutes	20
Post Cure Time	Hours	24

Note: A-side (Polycoat-Polycast® ISO 2727305 A) MDI 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.***

**DISCLAIMER**

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Polycoat Products makes no claim that these tests or any other tests accurately represent all environments.