

# Tru-Bond™ PB Gel

Acrylic

Devcon

## Message:

The Tru-Bond™ Plastic Bonding Series of products provide UV/Visible light cured bonds to a wide range of plastics including ABS, polycarbonate, PET, PETG, flexible vinyls, urethanes and acrylics. The adhesive creates a flexible resilient polymer with outstanding impact resistance and flex. These products can also cure through most translucent substrates and UV blocked plastics.

General Information			
Features	Good Flexibility		
	High Impact Resistance		
	Resilient		
	UV Curable		
Uses	Adhesives		
	Bonding		
Appearance	Clear/Transparent		
Forms	Gel		
Physical	Nominal Value	Unit	Test Method
Water Absorption (24 hr)	5.1	%	ASTM D570
VOC Content	< 1.0	%	
Non-Volatile Content	> 99	%	
Temperature Range	-54 to 149	°C	
Tensile Shear Adhesion			
Acrylic <sup>1</sup>	6.48	MPa	
PETG <sup>2</sup>	3.94	MPa	
Polycarbonate <sup>3</sup>	13.1	MPa	
Volume Shrinkage	8.8	%	
Linear Shrinkage	2.1	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	37		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	3.98	MPa	
Tensile Elongation (Break)	360	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Elastic Modulus - MD	1.06	MPa	ASTM D882
Optical	Nominal Value		
Refractive Index	1.500		
Clarity	> 98.0		
Thermoset	Nominal Value	Unit	

Shelf Life	100	wk
Uncured Properties	Nominal Value	Unit
Color	Amber	
Density	1.03	g/cm <sup>3</sup>
Flash Point	77.2	°C
NOTE		
1.	cohesive failure	
2.	substrate failure	
3.	substrate failure	

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#### Recommended distributors for this material

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