



Moulding and Casting Materials
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**Typical Physical Properties of
Solid Bond 330
cured at room temperature**

Mixing Ratio 2.3 : 1 by weight 2 : 1 by volume
Pot Life At 25°C 68 minutes (100g mass using Tecam Gelation Timer)
Exotherm Max temp 98°C after 80 minutes (50g sample)

Barcol Hardness
GYZJ 935 unite
Time of cure
1 day 36
2 days 42
7 days 62
21 days 65

Heat Deflection Temperatures
(ISOR 75) 42°C after 7 days at 25°C
50°C after 7 days at 25°C and 1 hour at 100°C

Ultimate Flexural Strength
(ISOR 178 KPa) 64120

Maximum force applied to the sample at a fibre strain of 5%. Note sample did not break during the test.

0.2% offset flexural yield strength KPa 45510

Flexural Modulus (ISOR 178) KPa x 10⁵ 21.4

Ultimate Compressive Strength
(ASTM.D,695) KPa 48260

Ultimate Tensile Strength (ISOR 527 KPa) 29650

Compressive Modulus KPa x 10⁵ 12.4

Elongation at Strength (ISOR 527) % 4.4