



# **TECHNICAL SPECIFICATIONS SHEET**

# VALIANT

TECH

APPARENT DENSITY	ASTM C97/C97M-09	2.25g/cm <sup>3</sup>
WATER ABSORPTION	ASTM C97/C97M-09	0,01%
MOH'S HARDNESS	EN101	5
FLEXURAL STRENGTH	ASTM C880/C880M-09	97.66MPA
ABRASION RESISTANCE	ASTM C241/C241M-13	36
LINEAR THERMAL EXPANSION COEFFICIENT	ASTM C531-00(2012)	32.5x10 <sup>-6</sup> /°C
CHEMICAL RESISTANCE	ASTM C650-04(2009)	Not affected
BREAKING STRENGTH	ASTM C 648-09	5660 N
IMPACT TEST	With reference to ANSI 2124.6-2007 Section 4.2.1	No visible damage
Cigarette Burn Test	With reference to ANSI 2124.6-2007 Section 5.4	No visible damage
Heated Pan Test	With reference to ANSI 2124.6-2007 Section 5.6	No visible damage

