

Technical Specifications

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUES
SPECIFIC GRAVITY((23/23) °C)	ASTM D792-13 (METHOD A)		1.74
ROCKWELL HARDNESS (HRM)	ASTM D785-08(2015) (PROCEDURE A)		82
BARCOL HARDNESS	ASTM D2583-13a		66
FLEXURAL STRENGTH	ASTM D790-17(*)	MPA	69.8
FLEXURAL MODULUS OF ELASTICITY	ASTM D790-17(*)	GPA	9.97
IZOD IMPACT STRENGTH	ASTM D256-10E1 (METHOD A)	J/M	23
DEFLECTION TEMPERATURE UNDER LOAD (1.82 MPA)	ASTM D648-16 (METHOD B)	°C	100
THERMAL EXPANSION	KS M 3015 : 2003	1/°C	4.1x10 ⁻⁵
TENSILE STRENGTH	ASTM D638-14(**)	MPA	45.4
TENSILE MODULUS OF ELASTICITY	ASTM D638-14(**)	GPA	10.1
WATER ABSORPTION RATE (24 H IMMERSION)	ASTM D570-98(2010)E1	%	0.05

* Speed of Testing: 6.2 mm/ min, Support Span: 230 mm

** Speed of Testing: 5 mm/ min,)Modulus: 1 mm/min), Specimen Type: Type I

PRODUCT SPECIFICATIONS

Whites	THICKNESS		WIDTH		LENGTH	
	mm	in	mm	in	mm	in
Premium Solids	6	1/4	760	30	2490	98
	12.0	1/2	760	30	3680	145
Bright Solids	6	1/4	760	30	2490	98
	12.0	1/2	760	30	3680	145
Sparkles	6	1/4	760	30	2490	98
	12.0	1/2	760	30	3680	145
Granites	6	1/4	760	30	2490	98
	12.0	1/2	760	30	3680	145

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