



TRANQUIL

DUNES

100% Acrylic Solid Surface

SHEET DETAILS

SIZE

12 mm - 2440 x 760 mm - 20 SFT

6 mm - 2440 x 760 mm - 20 SFT

Sizes can be customized*

WEIGHT APPROXIMATE:

12 mm – App. 40 Kgs

6 mm – App. 20 Kgs

**Available against specific project requirement in selected colours subject minimum quantity*

TECHNICAL DATA SHEET

PROPERTY	UNIT	RESULT	TEST METHOD
Specific Gravity (23/23 (°C))	-	1.82	ASTM D792-13 (Method A)
Rockwell Hardness (HRM)	-	86	ASTM D785-08 (2015) (Procedure A)
Tensile Strength	Mpa	38.1	ASTM D638- 14 (*)
Tensile Modulus of Elasticity	Gpa	10.8	ASTM D638- 14 (*)
Flexural Modulus	Mpa	70.6	ASTM D790- 15e2 (**)
Flexural Modulus of Elasticity	Gpa	11.6	ASTM D790- 15e2 (**)
Izod Impact Strength	J/m	22	ASTM D256-10e1 (Method A)
Water Absorption	%	0.02	ASTM D570-98(2010)e1 (24h Immersion)
Density (23 ° C)	g/cm3	1.82	ASTM-D792-13 (Method A)
Appearance ((Discoloration) after Heat ((170 +_2)	-	No Defects	By The Client
Hear Water Resistance	-	No Defects	JIS K 6902 : 2007
Deflection Temperature Under Load (1.82 MPa)	-	106	ASTM-D648-16 (Method B)
Thermal Expansion	1 / ° C	4.6X10	KS M 3015 : 2003
Pencil Hardness (Mitsu-bishi Pencil)	-	9H	KS D 6711 : 2012
Wear and Cleanability		Passes	
Stain Resistance: Sheets		Passes	
Fungus and Bacteria Resistance		Does not support microbial growth	
Chemical resistance		Pass	
Boiling Water Resistance		No visible change	

* Test Speed : 5mm/min (Modulus : 1mm/min), Test Speciman : Type I

** Test Speed : 4.3 mm/min, Support Span : 160mm

The Information is designed to provide support in fabrication, installation and or to ensure performance of Dunes 100% Acrylic Solid Surface. This information is intended for person or persons having knowledge of this technical area. None of the contents including, but not limited to the instructions, recommendations and graphics, technique and guidelines should be understood as implying of legal, warranty or any types of liability by manufacturer and its affiliates/associates.