

TECHNICAL DATA SHEET VERSION 1.1

BOUN

Thermoplastic with a degree of flexibility that gives it mechanical properties similar to polypropylene, due to its hardness you can make flexible or completely rigid figures depending on their geometry, it has great resistance to impact and offers a nice soft touch.

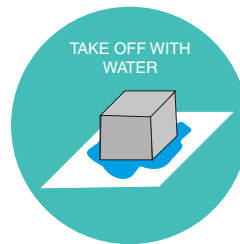


		TYPICAL VALUE	UNITS	TEST METHOD	
PHYSICAL PROPERTIES					
Material Density		1.30	g/cm ³	ISO 1183	
MECHANICAL PROPERTIES					
Elongation Stress		350	%	ISO 527	
Hardness		55-60	Sh D	ISO 868	
Tear Strength		95	N/mm	ASTM 624	
Tensile Strength		18	MPa	ISO 527	
PRINTING PROPERTIES					
Print Temperature		190-230	°C		
Hot Pad		0-60	°C		
Fan Layer		ON	%		
SIZE	NET W.	GROSS W.	DIAMETERS	COLOR	PACKAGING
M	750 g	975 g	1.75 mm/2.85 mm	Natural	SmartBag, security seal, desiccant bag

USE RECOMENDATIONS

TAKE OFF WITH WATER

Due to the high adhesion of this material, once printed, it is recommended to take it off by applying water to the base.



DISCLAIMER: The information provided in the data sheets is intended to be just a reference. It should not be used as design or quality control values. Actual values may differ significantly depending on the printing conditions. The final performance of the printed components does not only depend on the materials, also the design and printing conditions are important. Smart Materials assumes no responsibility for any damage, injury or loss produced by the use of its filaments in any particular application.