

AB 000 UF UV 10 WHT

Acrylonitrile Butadiene Styrene



PRODUCT DESCRIPTION

ABS Unfilled UV Stabilized White Color

FEATURES

- Excellent Stiffness.
- Unfilled Grade
- Excellent Surface Finish
- Excellent Mechanical & Chemical properties
- UV stabilized
- Colour RAL 9010

APPLICATIONS

- Home appliance
- Blowers

TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
PHYSICAL PROPERTIES			
Density	D-792	g/cc	1.05
Molding Shrinkage - Flow (3.20 mm)	D-955	%	0.4-0.7
Melt-Flow Rate (220°C/10.0 kg)	D-1238	g/10 min	45
HARDNESS			
Rockwell Hardness (R-Scale, Injection Molded)	D-785	-	100
MECHANICAL PROPERTIES			
Tensile Strength Yield	D-638	MPa	45
Elongation Break	D-638	%	10
Tensile Modulus	D-638	MPa	2250
Flexural Strength	D-790	MPa	65
Impact Strength (IZOD Notched)	D-256	Kg cm/cm	18
THERMAL PROPERTIES			
Heat Deflection Temperature(1.8MPa) Method B	D-648	°C	85
Vicat Softening Temperature @ 50N	D-1525	°C	103

Ravago Manufacturing India Private Limited

96, GIDC Alindra, Manjusar,
Tal. Savali, Vadodara 391775. India

☎ +919909901581

Format No: F-QC-20

www.ravagomi.com

Rev.No:01

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TYPICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
FLAMMABILITY			
Flame Rating at (3.2 mm)	UL 94	-	HB
Glow Wire Testing	IEC 60695-2-12	-	NA
UV Resistant	-	hrs.	>500

INJECTION MOLDING CONDITIONS			
Mold Temperature		°C	70 to 80
Rear Temperature		°C	210 to 215
Middle Temperature		°C	210 to 215
Front Temperature		°C	215 to 220
Nozzle Temperature		°C	215 to 220

Drying Conditions

Material can be dried for 2-3 hours at 70 - 80°C.

HANDLING AND STORAGE

Handling: Maintain good housekeeping. Spilled materials may create a slipping hazard. Remove dust from settling areas to prevent any secondary potential dust explosion or fire hazards. Electrostatic charge may build up during handling. Grounding of equipment is recommended.

Storage: Store in a dry place and away from direct sunlight or heat sources.

DISPOSAL CONSIDERATIONS

Disposal Method: It must be disposed of in accordance with Federal, State and local environmental control regulations.

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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