

ACRYLONITRILE BUTADIENE STYRENE

APPLICATIONS : INJECTION MOLDING
HOUSING OF ELECTRICAL APPLIANCES
 e.g. ELECTRIC FAN, TELEPHONE, CALCULATOR, TOY

PROCESSING TEMPERATURE : 190 - 240 °C

DRYING TEMPERATURE 80 - 90 °C, 2 - 5 hrs.

(THIS GRADE IS HIGH IMPACT AND HIGH GLOSS)

TYPICAL DATA

PROPERTIES	UNIT	VALUE	TEST METHOD	TEST CONDITION
MELT FLOW INDEX	g/10min	20	D - 1238	220°C/10kg
IZOD NOTCHED IMPACT STRENGTH	kg-cm/cm	27	D - 256	1/4" at 23°C
TENSILE STRENGTH	kg/cm ²	530	D - 638	AT 23 °C
FLEXURAL STRENGTH	kg/cm ²	720	D - 790	AT 23 °C
FLEXURAL MODULUS	x10 ⁴ kg/cm ²	2.4	D - 790	AT 23 °C
ROCKWELL HARDNESS	R-SCALE	118	D - 785	1/4" at 23°C
HEAT DISTORTION TEMPERATURE	°C	87	D - 648	1/4" at 18.6kg/cm ²
	°C	96	D - 648	1/4" at 4.6kg/cm ²
FLAMMABILITY	-	HB	UL 94	1.5 mm. thickness

ISSUE NO. 01 06 09 REV. 07

REMARK : THE VALUES PRESENTED ON THE ABOVE ARE TYPICAL LABORATORY AVERAGE, NOT TO BE CONSTRUED AS SPECIFICATIONS AND MAY VARY WITHIN MODERATE RANGES. THE APPLICABILITY OR THE ACCURACY OF THIS INFORMATION OR THE SUITABILITY OF OUR PRODUCTS CANNOT BE GUARANTEED BECAUSE THE CONDITIONS OF USE ON THE PART OF OUR USERS ARE BEYOND OUR CONTROL.