

SP100



ACRYLONITRILE BUTADIENE STYRENE

APPLICATIONS : INJECTION MOLDING

FOR HELMETS, AUTOMOTIVES, e.g. MOTORCYCLES

PROCESSING TEMPERATURE : 190 - 240 °C

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

(THIS GRADE IS SUPER HIGH IMPACT AND HIGH GLOSS)

TYPICAL DATA

PROPERTIES	UNIT	VALUE	TEST METHOD	TEST CONDITION
MELT FLOW INDEX	g/10min	18	D-1238	220 °C/10kg
IZOD NOTCHED IMPACT STRENGTH	kg-cm/cm	34	D-256	1/4" at 23 °C
TENSILE STRENGTH	kg/cm ²	450	D-638	23 °C
FLEXURAL STRENGTH	kg/cm ²	650	D-790	23 °C
FLEXURAL MODULUS	x10 ⁴ kg/cm ²	2.2	D-790	23 °C
ROCKWELL HARDNESS	R-SCALE	110	D-785	1/4" at 23 °C
HEAT DISTORTION TEMPERATURE	°C	84	D-648	1/4" at 18.6kg/cm ²
	°C	90	147	1/4" at 4.6kg/cm ²
FLAMMABILITY	-	HB	UL 94	1.5 mm. thickness

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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.