



Ing. ITALO BRICCOLA S.p.A.

EXTRUDED THERMOPLASTIC SHEETS

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TECHNICAL DATA SHEET

BM2E: ABS TECHNICAL GRADE SHETS COEXTRUDED WITH PMMA

PROPERTIES	UNITS	VALUE	TEST METHODS		
			ISO	DIN	ASTM
SPECIFIC DENSITY (23 °C)	G/CC	1,07	1183	53479	D-792
MOLD SHRINKAGE	%	0,4 /0,7		16901	D-955
ROCKWELL HARDNESS R-Scale		105	2039/2		D-785-B
IMPACT STRENGTH NOTCHED (IZOD, +23°C)	J/m	140	180/4A		D-256/A
ULTIMATE TENSILE STRENGTH (5 mm/min)	MPa	38	527		D-638
VICAT B/50	°C	98	306		D-1525
HEAT DISTORSION TEMPERATURE - ANNEALED 1,81 MPa	°C	88	75		D-684
FLEXURAL MODULUS (3-points bending)	MPa	2400	178		D-790/1

NOTE: These data are typical sheet properties and are not to be used for establishing minimum material specifications. They are the latest available at time of publication and are authentic to the best knowledge of the Company. The properties are listed solely to give general guidance and are not to be construed as a warranty of any type.