

# ABS SHEETS

## GENERAL PURPOSE GRADE

PROPERTIES	UNITS	VALUE	TEST METHODS		
			ISO	DIN	ASTM
SPECIFIC DENSITY (23 °C)	g/cc	1,06	1183		
BALL INDENTATION HARDNESS (H30)	N/mm2	85	2039-1		
VICATSOFTENING POINT (220 °C /H 5 Kg)	°C	98	306A		
TEMPERATURE OF DEFLECTION UNDER LOAD (1,80 Mpa 80 °C 4h annealed)	°C	94	75-1,-2		
IMPACT STRENGHT NOTCHED (IZOD)	KJ/m2	30	180/1A		
IMPACT STRENGHT NOTCHED (CHARPY)	KJ/m2	30	179-1Ea		
YIELD STRESS (50 mm/min)	MPa	40	527-1-2		
TENSILE STRAIN AT BREAK (50 mm/min)	%	>15	BASED ON 527		
FLEXURAL MODULUS ( 2mm/min)	MPa	1900	178		
FLAMMABILITY	UL CLASS	HB			

**NOTE:**

These data are typical sheet properties and are not to be use for establishing minimum material specification. 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.