

Technical Data Sheet

PLY2

Description: Sheets produced from high impact ABS with increased heat resistance (high heat)

Mechanical properties:

			Test Method
Tensile yield strength 50 mm/min	MPa	43	ISO 527
Tensile elongation at yield 50 mm/min	%	2,7	ISO 527
Tensile modulus 1 mm/min	MPa	2140	ISO 527
Izod-notched impact strength 23 °C / -30 °C	kJ/m ²	25 / 12	ISO 180/1A
Ball indentation hardness	MPa	90	ISO 2039

Thermal properties:

			Test Method
Vicat softening temperature VST/B/50	°C	102	ISO 306
Heat deflection temp. 1.8 Mpa, annealed	°C	101	ISO 75-1

Flammibility:

			Test Method
UL94 rating at 1.6 mm thickness	class	HB	UL 94
Horizontal burning speed, 2 mm thickness for uncoloured products	mm / min	55	ISO 3795

Other properties:

			Test Method
Density at 23 °C	g/cm ³	1,05	ISO 1183

Note: The above information is given in good faith, but no warranty, express or implied, is given.

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