PMMA DIV. FARBEN

ACRYLIC GLASS

Material description

PMMA GS is an amorphous thermoplastic with crystal clear transparency and high surface gloss. PMMA is available in a wide range of colours and scratch-resistant coating. this organic glass has high mechanical strength but low impact resistance. PMMA has excellent weather resistance. The sensitivity to breakage and susceptibility to stress cracking should be noted. PMMA GS is less stressed than (extruded) PMMA XT and slightly less susceptible to stress cracking.

Conformities

RoHS, REACH

Physical properties	Test method	Value	Unit
Density	DIN EN ISO 1183-1	1.19	g/cm3
Sliding friction			
Abrasion resistance			

Thermal properties	Test method	Value	Unit
Operating temperature short term		90	°C
Flammability	UL 94, 3 mm	HB	

These technical data have been determined as average values by our suppliers from many individual measurements. In all measurements, the test specimens were tested in the dry state. We pass on the data with reservation. The table does not claim to be complete or correct. Material technology is subject to constant further development. No rights or guarantees can be derived from it. Own tests are necessary because the environmental and operating conditions (humidity, temperature, mechanical forces, radiation and chemicals, etc.) set limits in the application.

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