

SABIC INNOVATIVE PLASTICS B V

EUROPE - RESIN PLASTICSLAAN 1 BERGEN OP ZOOM 4612 PX NL

Material Designation: **500R(f2), 500RS(f2)**

Product Description: Polycarbonate (PC), glass reinforced, flame retardant, designated "Lexan" furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
BK	1.1	V-0	-	3	80	80	80	825	960
ALL	1.5	V-0	2	3	130	125	125	825	960
ALL	3.0	V-0, 5VA	1	3	130	130	130	825	960
ALL	6.0	V-0, 5VA	1	3	130	130	130	-	-
NC, BK, WT	2.0	RP75	2	3	130	125	130	825	960

CTI: 3 **IEC CTI (V): -** **HVTR: 4** **D495: 7** **IEC Ball Pressure (°C): -**

Dielectric Strength (kV/mm): 36 Volume Resistivity (10⁹ohm-cm): 15 Dimensional Stability(%): 0
 ISO Tensile Strength (MPa): - ISO Flexural Strength (MPa): - ISO Heat Deflection (°C): -
 ISO Tensile Impact (kJ/m²): - ISO Izod Impact (kJ/m²): - ISO Charpy Impact (kJ/m²): -

(f2) Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

NOTE Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or a numeric/alpha combination.

Report Date: 11/21/1977

Underwriters Laboratories Inc®

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.