

TECHNICAL DATA SHEET

Materials Specifications for materials used in Wall Protection Products

Polycarbonate Extrusions

Material: Makrolon® (or equivalent)

PROPERTIES	TEST METHOD	VALUE
Specific Gravity	ASTM D-792	1.2
Flammability Classification	UL 94 / ASTM D-635	V-2
Tensile Yield Strength, psi	ASTM D-638	9400
Tensile Modulus, psi	ASTM D-638	350000
Flexural Strength, psi	ASTM D-790	12500
Flexural Modulus, psi	ASTM D-790	340000
Notched Izod Impact Strength ft-lbs/in	ASTM D-256	16
Rockwell Hardness M-Scale	ASTM D-785	75
Rockwell Hardness R-Scale	ASTM D-785	120
DTUL at 264 psi (0.250 in/6.35 mm) Unannealed	ASTM D-648	268° F
ASTM Cell Classification	ASTM D-1748	16344