



TECHNICAL DATA SHEET

Rigid

7803

DESCRIPTION/ APPLICATION

7803 is a general purpose extrusion compound with excellent impact resistance and processing characteristics with UL Listings.

GENERAL PROPERTIES	VALUE	METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
MECHANICAL PROPERTIES	VALUE	METHOD
Tensile Yield Strength, psi	5,330	ASTM D-638
Tensile Modulus, psi	290,000	ASTM D-638
Flexural Strength, psi	8,710	ASTM D-790
Flexural Modulus, psi	284,000	ASTM D-790
1/8" Notched Izod Impact	24.0 ft-lbs/in @ 23°C	ASTM D-256
1/8" Notched Izod Impact	3.8 ft-lbs/in @ -40°C	ASTM D-256
OTHER PROPERTIES	VALUE	METHOD
Heat Deflection Temperature, °C	74.5 @ 264 psi	ASTM D-648
Cell Classification	16223	ASTM D-1784
Flame Class, all colors	V-0 @ 1.0 5VA @ 2.0	UL-94
RTI Rating, °C	50 / 50 / 50	UL 746B

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