

PX331

Similar to thermoplastics like filled ABS when requiring fire retardant properties.

Meets FAR 25.853



Physical Properties	
Colour	Off White
Pigmentable	-

Mechanical Properties		
		TEST/ISO
Hardness Shore D1	86	868
Flexural Strength (MPa)	133	178
Flexural Modulus (MPa)	3,700	
Tensile Strength (MPa)	55	527
Tensile Modulus (MPa)	4,500	
Charpy impact strength (Kj/m ²)	26	179
Elongation Break (%)	4	527

Thermal & Specific Properties			
Glass Transition Temperature (°C)		100	11359-2
Maximal casting thickness (mm)		5	R527
Demolding time at 70°C min		45	-
Self-extinguishing	FAR 25	1.5mm	Pass ⁽²⁾
	UL 94	3mm	Meets V0 ⁽³⁾ Not certified by UL

(1) Average values obtained on standard specimens with a postcure of 12 hr. at 70°C + 12 hr. at 80°C

(2) Meets the requirements of the FAR 25.853 for flammability 12 seconds on 2.2mm

(3) Internal test – Axson France's test report: TR04189-REV 00.

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