

XYRON™ 442Z

(PPE+PS)

Asahi Kasei

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Charpy notched impact strength, +23°C	44	kJ/m ²	ISO 179/1eA
^[C] : CAMPUS			

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Burning Behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
^[C] : CAMPUS			

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Relative permittivity, 100Hz	2.9	-	IEC 62631-2-1
^[C] Relative permittivity, 1MHz	2.9	-	IEC 62631-2-1
^[C] Dissipation factor, 100Hz	6	E-4	IEC 62631-2-1
^[C] Dissipation factor, 1MHz	8	E-4	IEC 62631-2-1
^[C] Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	>1E15	Ohm	IEC 62631-3-2
^[C] : CAMPUS			

Other properties	Value	Unit	Test Standard
^[C] Density	1100	kg/m ³	ISO 1183
^[C] : CAMPUS			

Characteristics**Regional Availability**

North America, Europe, Asia Pacific, South and Central America,
Near East/Africa