

# CAMPUS® Datasheet

**XYRON™ 644Z - (PPE+PS)**  
**Asahi Kasei Europe GmbH**

# AsahiKASEI

Mechanical properties	Value	Unit	Test Standard
Charpy notched impact strength, +23°C	20	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal properties	Value	Unit	Test Standard
Burning behavior at thickness h	V-0	class	IEC 60695-11-10
Thickness tested (h)	0.8	mm	IEC 60695-11-10
Electrical properties	Value	Unit	Test Standard
Relative permittivity, 100Hz	2.9	-	IEC 62631-2-1
Relative permittivity, 1MHz	2.9	-	IEC 62631-2-1
Dissipation factor, 100Hz	4	E-4	IEC 62631-2-1
Dissipation factor, 1MHz	5	E-4	IEC 62631-2-1
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	>1E15	Ohm	IEC 62631-3-2
Other properties	Value	Unit	Test Standard
Water absorption	0.1	%	Sim. to ISO 62
Density	1100	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Regional Availability

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

- Data shown are typical values obtained by proper testing methods and should not be used for specification purposes. Please use these data for selecting the most appropriate grade suitable for specific usage. These data may be changed because of improvements in properties.
  - Be sure to read the relevant SDS before handling and use, and always follow the Important Precautions.
  - Do not use plastics in any of the following orally- or medically-related applications.
  - Orally-related applications: any part, device, or component that may come into direct oral contact or into direct contact with drinking foods or beverages.
- For drinking water applications, please consult Asahi Kasei Corporation.
- Medically-related applications: any part, device or component that may be used intracorporeally or which may in dialysis or other processes come into direct or indirect contact with body tissue, body fluids or transfusion fluids.

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