The level of impact strength is ranked as the highest among the transparent resin materials (approx. 30 times higher than that of acrylic plates). It excels in resistance against high and low temperatures, and is widely used.

Excels in transparency, weather resistance and machinability, and is used widely for indoor and outdoor purposes, such as covers for industrial machinery, art display cases and signboards.

Excels in chemical resistance and flame resistance, and superior in cost-effectiveness among anti-static materials.

As for Acrylic Plates, cast plates made by cell-cast method and extruded plates are available.

- PET
  - Provides various characteristics of PET, Antistatic PVC, Acrylic and Polycarbonate
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  - PET
  - It has approx. 4 times stronger impact resistance than that of acrylic. Moreover, it is an environment-friendly material, which generates no poisonous gas when burned. It is also cost-effective.
  - Antistatic PVC
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  - Acrylic
  - Excels in transparency, weather resistance and machinability, and is used widely for indoor and outdoor purposes, such as covers for industrial machinery, art display cases and signboards.
  - Polycarbonate
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**Characteristics of Acrylic Cast Plates and Extruded Plates**

- Available. 4 colors, transparent, smoke brown, smoke gray and orange, are available.

**Characteristics of PET, Antistatic PVC, Acrylic and Polycarbonate**

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**Specifications**

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**Flame Resistance**

- PET
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  - Provides various characteristics of PET, Antistatic PVC, Acrylic and Polycarbonate
  - PET
  - It has approx. 4 times stronger impact resistance than that of acrylic. Moreover, it is an environment-friendly material, which generates no poisonous gas when burned. It is also cost-effective.
  - Antistatic PVC
  - Exceeds in chemical resistance and flame resistance, and superior in cost-effectiveness among anti-static materials.
  - Acrylic
  - Excels in transparency, weather resistance and machinability, and is used widely for indoor and outdoor purposes, such as covers for industrial machinery, art display cases and signboards.
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