

Technical information

Properties transparent plastics

Designation		Properties	Areas of application
PC	Polycarbonate	<ul style="list-style-type: none"> › high transparency (about 85%) › self-extinguishing › cold mouldable › high notch toughness 	<ul style="list-style-type: none"> › machine covers › safety covers › insulating parts for the electrical industry › partitions › acoustic barriers
PC UV	Polycarbonate with UV-resistant coating	<ul style="list-style-type: none"> › high transparency (about 85%) › self-extinguishing › high notch toughness › cold mouldable (limited) 	<ul style="list-style-type: none"> › machine covers › safety covers › insulating parts for the electrical industry › partitions › acoustic barriers › also suitable for outdoor use
PC, anti-static coating	Polycarbonate with anti-static coating	<ul style="list-style-type: none"> › With special coating to prevent electrostatic charging › high notch toughness › ESD-conductive › high transparency (about 85%) › self-extinguishing › cold mouldable 	<ul style="list-style-type: none"> › covers, housings › partitions › acoustic barriers › insulating parts for the electrical industry
PC, abrasion resistant coating	Polycarbonate with abrasion resistant coating	<ul style="list-style-type: none"> › high abrasion resistance › high surface hardness › improved weatherproof and chemical resistance (to standard PC) › good optical properties › good notch toughness characteristics 	<ul style="list-style-type: none"> › machine covers › acoustic barriers
PMMA GS	Polymethyl metacrylate moulded (acrylic glass)	<ul style="list-style-type: none"> › high optical quality › brilliant transparency › mechanical tensile strength › weatherproofed › scratch resistant 	<ul style="list-style-type: none"> › roofing › windbreak, covers › signage, housings, furniture › displays, decoration › vacuum lid
PMMA XT	Polymethyl metacrylate extruded (acrylic glass)	<ul style="list-style-type: none"> › weatherproofed › good ageing resistance › good notch toughness and adhesion › scratch resistant › lower thickness tolerance than PMMA GS 	<ul style="list-style-type: none"> › roofing › windbreak, covers › signage, furniture › housings › decoration

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PETG	Polyethylene terephthalate glycol	<ul style="list-style-type: none"> › brilliant surface › easily vacuum formed, does not require pre-drying › excellent low-temperature performance › excellent chemical resistance › very high impact resistance › uv-resistant 	<ul style="list-style-type: none"> › machine covers › packaging for medical equipment › displays and sign for outdoor application › refrigeration- and cold storage equipment
PETG-UV	Polyethylene terephthalate with UV-resistant coating	<ul style="list-style-type: none"> › brilliant surface › easily vacuum formed, does not require pre-drying › exceptional low-temperature performance › excellent chemical resistance › very high impact resistance › uv-resistant 	<ul style="list-style-type: none"> › machine covers › packaging for medical equipment › displays and sign › for outdoor application › suitable for outdoor use
PVC rigid foam integral foam*	Polyvinyl chloride expanded	<ul style="list-style-type: none"> › low weight › printable 	<ul style="list-style-type: none"> › refrigerator › booth construction and interior work › covers, billboards
PVC rigid foam free foam*	Polyvinyl chloride expanded	<ul style="list-style-type: none"> › low weight › printable 	<ul style="list-style-type: none"> › booth construction and interior work › covers, billboards

*Materials are not transparent. Other colours on request.

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