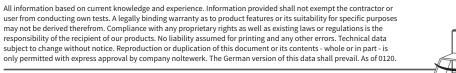


## **Technical information**

## **Properties transparent plastics**

Designation		Properties	Areas of application
PC	Polycarbonate	high transparency (about 85%)     self-extinguishing     cold mouldable     high notch toughness	machine covers     safety covers     insulating parts for the electrical industry     partitions     acoustic barriers
PC UV	Polycarbonate with UV-resistant coating	<ul> <li>high transparency (about 85%)</li> <li>self-extinguishing</li> <li>high notch toughness</li> <li>cold mouldable (limited)</li> </ul>	> 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	With special coating to prevent electrostatic charging     high notch toughness     ESD-conductive     high transparency (about 85%)     self-extinguishing     cold mouldable	covers, housings     partitions     acoustic barriers     insulating parts for the electrical industry
PC, abrasion resistant coating	Polycarbonate with abrasion resistant coating	<ul> <li>high abrasion resistance</li> <li>high surface hardness</li> <li>improved weatherproof and chemcical resistance (to standard PC)</li> <li>good optical properties</li> <li>good notch toughness characteristics</li> </ul>	> machine covers > acoustic barriers
PMMA GS	Polymethyl metacrylate moulded (acrylic glass)	<ul> <li>high optical quality</li> <li>brilliant transparency</li> <li>mechanical tensile strength</li> <li>weatherproofed</li> <li>scratch resistant</li> </ul>	roofing     windbreak, covers     signage, housings, furniture     displays, decoration     vacuum lid
РММА ХТ	Polymethyl metacrylate extruded (acrylic glass)	weatherproofed     good ageing resistance     good notch toughness and adhesion     scratch resistant     lower thickness tolerance than     PMMA GS	> roofing > windbreak, covers > signage, furniture > housings > decoration

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## **Technical information**

## **Properties transparent plastics**

Designation		Properties	Areas of application
PETG	Polyethylene terephthalate glycol	<ul> <li>brilliant surface</li> <li>easily vacuum formed, does not require pre-drying</li> <li>excellent low-temperature performance</li> <li>excellent chemical resistance</li> <li>very high impact resistance</li> <li>uv-resistant</li> </ul>	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> <li>brilliant surface</li> <li>easily vacuum formed, does not require pre-drying</li> <li>exceptional low-temperature performance</li> <li>excellent chemical resistance</li> <li>very high impact resistance</li> <li>uv-resistant</li> </ul>	machine covers     packaging for medical equipment     displays and sign     for outdoor application     suitable for outdoor use
PVC rigid foam integral foam*	Polyvinyl chloride expanded	> low weight > printable	refrigerator     booth construction and interior work     covers, billboards
PVC rigid foam free foam*	Polyvinyl chloride expanded	> low weight > printable	> booth construction and interior work > covers, billboards

 $<sup>{}^\</sup>star Materials$  are not transparent. Other colours on request.

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