

**Datasheet PC (2xUVP)**

<u>Properties</u>	<u>Standard</u>	<u>Unity</u>	<u>Typical values</u>
<b><u>PHYSICAL</u></b> - Specific Gravity	ISO 1183	g/cm <sup>3</sup>	1,2
<b><u>OPTICAL</u></b> - Refractive Index	D-542	-	2
- Light Transmission (sheetthickness -4 mm 420-440 mm)	D-1003	%	88-90
<b><u>MECHANICAL</u></b> - Flexural modulus	ISO-178	Mpa	2300
- Rockwell hardness	ASTM D-785	M-scale	120
- Tensile Modulus	ISO 527	Mpa	2300
- Tensile Strength at yield	ISO-528	Mpa	> 60
- Elongations (at yield)	ISO-529	%	6
- Elongations (at break)	ISO-530	%	> 120
<b><u>IMPACT STRENGTH</u></b> - IZOD Impact Notched 3	ISO-180	J/m	> 650
<b><u>THERMAL</u></b> - Vicat Softening Temperature (50N)	ISO-306	°C	144
- Linear Thermal Expansion Coefficient 0-50 °C	ISO-11359	1/ °C	7E-5
- Temperature of deflection under load	ISO-75-1	°C	127
- Flammability	Euroclass		B-s1-d0