

**Product Texts**

UL Yellow Card Link [E121562-221093](https://www.ul.com/ulcard/E121562-221093)

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	7	cm <sup>3</sup> /10min	ISO 1133
Temperature	360	°C	-
Load	5	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	6800	MPa	ISO 527
Stress at break	140	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus	6500	MPa	ISO 178
Charpy impact strength, +23°C	35	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	35	kJ/m <sup>2</sup>	ISO 179/1eU
Izod impact strength, +23°C, 4mm	30	kJ/m <sup>2</sup>	ISO 180/1U
Izod impact strength, -30°C, 4mm	30	kJ/m <sup>2</sup>	ISO 180/1U
Ball indentation hardness	150	MPa	ISO 2039-1

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Vicat softening temperature, A	223	°C	ISO 306
Vicat softening temperature, B	212	°C	ISO 306
Vicat softening temperature, 120°C/h 50N	218	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	1.9	mm	-
Thermal Conductivity	0.28	W/(m K)	DIN 52616

**Other properties**

	Value	Unit	Test Standard
Water absorption	1	%	Sim. to ISO 62
Humidity absorption	0.55	%	Sim. to ISO 62
Density	1420	kg/m <sup>3</sup>	ISO 1183

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	370 - 410	°C	-
Mold temperature	140 - 180	°C	-
Feed temperature	80 - 120	°C	-
Zone 1	350 - 400	°C	-
Zone 2	360 - 410	°C	-
Zone 3	370 - 420	°C	-

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

Europe