

**PALSAFE® PC R 10**

PC

Pal Plast GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	12	cm <sup>3</sup> /10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2450	MPa	ISO 527
Stress at break	50	MPa	ISO 527
Strain at break	95	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
<b>Thermal properties</b>			
<b>ISO Data</b>			
Vicat softening temperature, B	144	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	275	-	IEC 60112
<b>Other properties</b>			
Water absorption	0.3	%	Sim. to ISO 62
Humidity absorption	0.175	%	Sim. to ISO 62
Density	1200	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Certifications**

Recycled Resin Content

**Applications**

Electrical and Electronical

**Regional Availability**

Europe