

**PALDUR® R 15 GF10**

PBT-GF10

Pal Plast GmbH

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>4500</b>	MPa	ISO 527
Stress at break	<b>75</b>	MPa	ISO 527
Strain at break	<b>3.5</b>	%	ISO 527
Charpy impact strength, +23°C	<b>25</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>5.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>225</b>	°C	ISO 11357-1/-3
Vicat softening temperature, B	<b>208</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	<b>350</b>	-	IEC 60112
<b>Other properties</b>			
Water absorption	<b>0.45</b>	%	Sim. to ISO 62
Humidity absorption	<b>0.175</b>	%	Sim. to ISO 62
Density	<b>1370</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Chemical Resistance**

General Chemical Resistance

**Certifications**

Recycled Resin Content

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe