

PALMID® R 66 S GF30

PA66-GF30

Pal Plast GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8650	MPa	ISO 527
Yield stress	140	MPa	ISO 527
Yield strain	8	%	ISO 527
Stress at break	135	MPa	ISO 527
Strain at break	9.5	%	ISO 527
Charpy impact strength, +23°C	67.5	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Vicat softening temperature, B	252	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB 1.6	class mm	IEC 60695-11-10 -

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
Water absorption	5.85	%	Sim. to ISO 62
Humidity absorption	1.9	%	Sim. to ISO 62
Density	1380	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Chemical Resistance

General Chemical Resistance

Certifications

Recycled Resin Content

Regional Availability

Europe