

PALMID® R 6 S L GF15

PA6-GF15

Pal Plast GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4700	MPa	ISO 527
Yield stress	82.5	MPa	ISO 527
Yield strain	8.5	%	ISO 527
Stress at break	80	MPa	ISO 527
Strain at break	14	%	ISO 527
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	14	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Vicat softening temperature, B	208	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

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

Other properties	Value	Unit	Test Standard
Water absorption	7.75	%	Sim. to ISO 62
Humidity absorption	2.5	%	Sim. to ISO 62
Density	1230	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Chemical Resistance

General Chemical Resistance

Certifications

Recycled Resin Content

Applications

Automotive

Regional Availability

Europe