

PALBLEND® R 45

(PC+ABS)

Pal Plast GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	25	cm ³ /10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	47.5	MPa	ISO 527
Yield strain	3.5	%	ISO 527
Nominal strain at break	>50	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	32.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Vicat softening temperature, B	108	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	500	-	IEC 60112
Other properties			
Water absorption	0.6	%	Sim. to ISO 62
Humidity absorption	0.175	%	Sim. to ISO 62
Density	1090	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Platable, High impact or impact modified

Applications

Automotive

Certifications

Recycled Resin Content

Regional Availability

Europe