

PALDUR® R 40

PBT

Pal Plast GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	57.5	cm ³ /10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2900	MPa	ISO 527
Stress at break	62.5	MPa	ISO 527
Strain at break	10.5	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Vicat softening temperature, B	179	°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	600	-	IEC 60112
Other properties			
Water absorption	0.45	%	Sim. to ISO 62
Humidity absorption	0.175	%	Sim. to ISO 62
Density	1470	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

Opaque

Chemical Resistance

General Chemical Resistance

Certifications

Recycled Resin Content

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe