

PALFORM® R C 13

POM

Pal Plast GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	13	cm ³ /10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2800	MPa	ISO 527
Yield stress	62.5	MPa	ISO 527
Yield strain	7.5	%	ISO 527
Nominal strain at break	22.5	%	ISO 527
Charpy impact strength, +23°C	135	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	166	°C	ISO 11357-1/-3
Vicat softening temperature, B	150	°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	0.8	%	Sim. to ISO 62
Humidity absorption	0.175	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

High impact or impact modified

Features

Copolymer

Chemical Resistance

Alkali Resistance, Solvent Resistance, Hydrolytically Stable

Certifications

Recycled Resin Content

Regional Availability

Europe