

**PALFORM® R H 50**

POM

Pal Plast GmbH

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>13.5</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>200</b>	°C	-
Load	<b>5</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>3100</b>	MPa	ISO 527
Yield stress	<b>70</b>	MPa	ISO 527
Yield strain	<b>13.5</b>	%	ISO 527
Nominal strain at break	<b>27.5</b>	%	ISO 527
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>8</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>178</b>	°C	ISO 11357-1/-3
Vicat softening temperature, B	<b>158</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	<b>600</b>	-	IEC 60112
<b>Other properties</b>			
Water absorption	<b>0.8</b>	%	Sim. to ISO 62
Humidity absorption	<b>0.175</b>	%	Sim. to ISO 62
Density	<b>1410</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Features**

Homopolymer

**Chemical Resistance**

Solvent Resistance

**Certifications**

Recycled Resin Content

**Regional Availability**

Europe