

# CELANEX® LW2547W

30% glass-fiber / mineral filled PBT+PET blend; low warpage grade

Celanex LW2547W is a 30% glass/mineral filled polyester that combines the physical and electrical properties and surface finish required in automotive distributor caps with low cost. The high gloss attainable rivals that of phenolic.

## Product information

Part Marking Code	(PBT+PET)-(GF+MD)30	ISO 11469
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## Rheological properties

Melt mass-flow rate	21 g/10min	ISO 1133
Melt mass-flow rate, Temperature	250 °C	
Melt mass-flow rate, Load	2.16 kg	
Moulding shrinkage range, parallel	0.5 - 0.7 %	ISO 294-4, 2577

## Typical mechanical properties

Stress at break, 5mm/min	109 MPa	ISO 527-1/-2
Strain at break, 5mm/min	1.8 %	ISO 527-1/-2
Flexural Modulus	9100 MPa	ISO 178
Flexural Strength	168 MPa	ISO 178
Izod notched impact strength, 23°C	5.1 kJ/m <sup>2</sup>	ISO 180/1A

## Other properties

Water absorption, 2mm	0.08 %	Sim. to ISO 62
Density	1550 kg/m <sup>3</sup>	ISO 1183

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