

# Celanex® LW2547W

Polybutylene Terephthalate

Celanese Corporation

## Message:

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.

General Information			
Filler / Reinforcement	Glass \mineral, 30% filler by weight		
Features	Highlight		
Uses	Application in Automobile Field		
RoHS Compliance	Contact manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.55	g/cm <sup>3</sup>	ISO 1183
shrinkage-Flow	0.50 - 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Fracture, 23°C	110	MPa	ASTM D638
Fracture	109	MPa	ISO 527-2/1A/5
Tensile Elongation			
Fracture, 23°C	5.0	%	ASTM D638
Fracture	1.8	%	ISO 527-2/1A/5
Flexural Modulus (23°C)	9100	MPa	ISO 178
Flexural Stress (23°C)	168	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	5.1	kJ/m <sup>2</sup>	ISO 180/1A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.0E+15	ohms·cm	ASTM D257
Dielectric Strength <sup>1</sup>	24	kV/mm	ASTM D149
Arc Resistance	124	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
NOTE			
1.	Method A (short time)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

