

Component - Plastics

E344082

## CELANESE INTERNATIONAL CORP

ZENITE BUSINESS LINE, 8040 DIXIE HWY, FLORENCE, KY 41042-2904 United States

### 6130L(m), 6130L ECO-B(m)(S)

Liquid Crystal Polymer (LCP) "ZENITE", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI (PLC)	HAI (PLC)	GWIT (°C)	GWFI (°C)	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
BK, WT	0.25	V-0	3	4	--	--	130	130	130
BK	0.38	V-0	3	4	--	--	240	130	130
	0.75	V-0	3	4	850	960	240	220	240
WT	1.0	V-0	3	4	825	960	240	220	240
ALL	1.5	V-0	1	4	825	960	240	220	240
	3.0	V-0	0	4	875	960	240	220	240

Comparative Tracking Index (CTI) (PLC):	3	IEC Comparative Tracking Index (V):	--	IEC CTI Material Group:	--
Inclined Plane Tracking (IPT) (kV):	--	High-Voltage Arc Tracking Rate (HVTR) (PLC):	4	Dielectric Strength (DS) (kV/mm):	21
Volume Resistivity (VR) (10 <sup>x</sup> ohm cm):	--	Surface Resistivity (SR) (10 <sup>x</sup> ohms/square):	--	High Volt, Low Current Arc Resis (D495):	--

(m) - Virgin and regrind up to 50% have the same basic characteristics down to the 0.38 mm thickness except for the Electrical RTI rating below the 0.75 mm thickness. (S) - A 3-digit number indicating sustainability status - (1) Material designations that are color pigmented may be followed by suffix letters and numbers. (2) May be prefixed by ZEN for Zenite grades.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 1989-10-11

Last Revised: 2026-02-02

© 2026 UL Solutions



#### © 04/2026 by NORWE GmbH

All dimensions in mm/inch

The permissible deviations according to DIN 16901 apply as tolerances

Warranties:  
refer to Terms and Conditions of Sale



Valid version of data sheet online

QR Online-Version

#### NORWE GmbH

Paulstraße 5, Pernze  
51702 Bergneustadt  
Deutschland

Telefon +49 (0) 27 63-807-0  
E-mail verkauf@norwe.de  
Internet www.norwe.de  
www.norwe.eu

#### NORWE Inc.

P.O. Box 25 11  
North Canton, OH 44720-0511  
United States of America

Telefon +1-330 497-8113  
E-mail usa@norwe.com  
Internet www.norwe.com

ISO/IEC Flammability Properties	Value	Test Method
<b>Flammability</b>		IEC 60695-11-10
0.25 mm, Color: BK, WT	V-0	
0.38 mm, Color: BK	V-0	
0.75 mm, Color: BK	V-0	
1.0 mm, Color: WT	V-0	
1.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
<b>Glow Wire Ignition Temperature (GWIT)</b>		IEC 60695-2-13
0.75 mm	850 °C	
1.0 mm	825 °C	
1.5 mm	825 °C	
3.0 mm	875 °C	
<b>Glow Wire Flammability Index (GWFI)</b>		IEC 60695-2-12
0.75 mm	960 °C	
1.0 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	

**© 04/2026 by NORWE GmbH**

All dimensions in mm/inch

The permissible deviations according to DIN 16901 apply as tolerances

Warranties:  
refer to Terms and Conditions of Sale



Valid version of data sheet online

QR Online-Version

**NORWE GmbH**

Paulstraße 5, Pernze  
51702 Bergneustadt  
Deutschland

Telefon +49 (0) 27 63-807-0  
E-mail verkauf@norwe.de  
Internet www.norwe.de  
www.norwe.eu

**NORWE Inc.**

P.O. Box 25 11  
North Canton, OH 44720-0511  
United States of America

Telefon +1-330 497-8113  
E-mail usa@norwe.com  
Internet www.norwe.com