

## Eurotec® Tecolen® CP30 NL XA80 PPCP, flame retardant - halogen (RoHS compliant), heat stabilized, natural

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

### Material Notes:

Information provided by Eurotec®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Eurotec-Tecolen-CP30-NL-XA80-PPCP-flame-retardant-halogen-RoHS-compliant-heat-stabilized-natural.php](http://www.lookpolymers.com/polymer_Eurotec-Tecolen-CP30-NL-XA80-PPCP-flame-retardant-halogen-RoHS-compliant-heat-stabilized-natural.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	20.0 MPa	2900 psi	ISO 527
Tensile Modulus	1.75 GPa	254 ksi	ISO 527
Izod Impact, Notched (ISO)	4.00 kJ/m <sup>2</sup> @Temperature -30.0 °C	1.90 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	ISO 180/1A
	10.0 kJ/m <sup>2</sup> @Temperature 23.0 °C	4.76 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 180/1A

Thermal Properties	Metric	English	Comments
Melting Point	160 - 165 °C	320 - 329 °F	[10 K/min], ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ISO 75
Flammability, UL94	V-2 @Thickness 0.750 mm	V-2 @Thickness 0.0295 in	
	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	
Glow Wire Test	875 °C @Thickness 2.00 mm	1610 °F @Thickness 0.0787 in	GWIT; IEC 60695
	960 °C @Thickness 2.00 mm	1760 °F @Thickness 0.0787 in	GWFI; IEC 60695

Electrical Properties	Metric	English	Comments
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Volume Resistivity Electrical Properties	1.00e+15 ohm-cm Metric	1.00e+15 ohm-cm English	IEC 60093 Comments
Surface Resistance	1.00e+15 ohm	1.00e+15 ohm	IEC 60093
Comparative Tracking Index	500 V	500 V	Solution A; IEC 60112

Processing Properties	Metric	English	Comments
Processing Temperature	200 - 240 °C	392 - 464 °F	
Feed Temperature	<= 60.0 °C	<= 140 °F	Throat
Mold Temperature	20.0 - 50.0 °C	68.0 - 122 °F	
Hold Pressure	40.0 - 80.0 MPa	5800 - 11600 psi	

Descriptive Properties	Value	Comments
Back Pressure	Low	
Injection Speed	Medium - Fast	

## Contact Songhan Plastic Technology Co.,Ltd.

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