

Tecolen® CP30 NL MY

Polypropylene Copolymer
Eurotec Engineering Plastics

Message:
PPCP, impact modified, heat & UV stabilized, natural

General Information			
Additive	Heat Stabilizer		
	Impact Modifier		
	UV Stabilizer		
Features	Copolymer		
	Good UV Resistance		
	Heat Stabilized		
	Impact Modified		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	PP-I		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	750	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	15.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	> 200	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	60	kJ/m²	ISO 180/1A
Unnotched Izod Impact Strength			ISO 180/1U
-30°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	40.0	°C	ISO 75-2/A
Melting Temperature ¹	160 to 165	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method

Flame Rating		UL 94
0.750 mm	HB	
1.60 mm	HB	
Injection	Nominal Value	Unit
Hopper Temperature	< 60.0	°C
Processing (Melt) Temp	200 to 240	°C
Mold Temperature	20.0 to 50.0	°C
Injection Rate	Moderate-Fast	
Holding Pressure	40.0 to 80.0	MPa
Back Pressure	Low	
NOTE		
1.	10 K/min	

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