PROTEQ[™] C30US

Polypropylene Copolymer

Marplex Australia Pty. Ltd.

Message:

PROTEQ[™] C30US is a Polypropylene copolymer which has been heat and UV stabilised with antistatic treatment. PROTEQ[™]C30US is designed for difficult to fill automotive applications requiring a balance of toughness, rigidity, heat resistance, marr resistance and even surface appearance. Typical applications are automotive interior trim.

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0.45 MPa, Unannealed, 3.20 mm 78.0 °C	Deflection Temperature Under Load			ASTM D648
	0.45 MPa, Unannealed, 3.20 mm	78.0	°C	

1.8 MPa, Unannealed, 3.20 mm	50.0	°C	
CLTE - Flow	9.0E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	НВ		UL 94
Glow Wire Ignition Temperature (1.60 mm)	550	°C	AS/NZS 60695
Injection	Nominal Value	Unit	
Drying Temperature	85.0 to 90.0	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	195 to 215	°C	
Middle Temperature	205 to 225	°C	
Front Temperature	215 to 235	°C	
Processing (Melt) Temp	220 to 270	°C	
Mold Temperature	50.0 to 80.0	°C	
Injection Pressure	60.0 to 140	MPa	
Injection Rate	Moderate		
Screw Speed	40 to 60	rpm	
Clamp Tonnage	3.0 to 6.0	kN/cm ²	
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		
4.	1.3 mm/min		

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