

# ESTAPROP 0540 GFC V0

Polypropylene

Cossa Polimeri S.r.l.

## Message:

ESTAPROP 0540 GFC V0 is a polypropylene product containing a 20% glass fiber reinforced material. It is available in Europe. Typical application areas are: electrical/electronic applications.

Features include:

flame retardant/rated flame

Flame Retardant

Chemical coupling

Heat resistance

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Chemical coupling		
	Heat resistance, high		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Electrical components		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	55.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	40	J/m	ASTM D256
23°C	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	135	°C	ASTM D648
Vicat Softening Temperature	120	°C	ASTM D1525 <sup>1</sup>
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		UL 94
3.20 mm	V-0		UL 94

Glow Wire Ignition Temperature (2.00 mm)	960	°C	IEC 60695-2-13
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NOTE

1.	速率 A (50°C/h), 载荷2 (50N)
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