

# ESTAPROP H 0560 GFCTG

Polypropylene Homopolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP H 0560 GFCTG is a Polypropylene Homopolymer (PP Homopolymer) product filled with 30% filler. It is available in Europe. Typical application: Automotive. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Filler,30% Filler by Weight		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4700	MPa	ASTM D638
Tensile Strength (Break)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	4300	MPa	ASTM D790
Flexural Strain at Break	90	%	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	35	J/m	
0°C	50	J/m	
23°C	70	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	135	°C	ASTM D648
Vicat Softening Temperature	105	°C	ASTM D1525 <sup>1</sup>
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
NOTE			

1. Rate A (50°C/h), Loading 2 (50 N)

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## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

