

# ESTAPROP H 1040 TG

Polypropylene Homopolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP H 1040 TG is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% mineral. It is available in Europe. Typical application: Automotive.  
Characteristics include:  
Flame Rated  
Good Processability

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Good Processability		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2600	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	34.0	MPa	
Break	26.0	MPa	
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	15	J/m	
0°C	20	J/m	
23°C	35	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
Vicat Softening Temperature	95.0	°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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Recommended distributors for this material

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

