

# ESTAPROP 1006 V2 K

Polypropylene Copolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP 1006 V2 K is a Polypropylene Copolymer (PP Copolymer) product. It is available in Europe. Applications of ESTAPROP 1006 V2 K include electrical/electronic applications, furniture and seating.

Characteristics include:

- Flame Rated
- Flame Retardant
- Halogen Free

General Information			
Features	Antimony Free		
	Bromine Free		
	Flame Retardant		
	Low Smoke Emission		
	Non-Blooming		
Uses	Electrical/Electronic Applications		
	Furniture		
	Seats		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5 to 1.8	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	28.0	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	40	J/m	
0°C	50	J/m	
23°C	60	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	55.0	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525 <sup>1</sup>
Flammability	Nominal Value	Unit	Test Method

Flame Rating			UL 94
1.60 mm	V-2		
3.20 mm	V-2		
Glow Wire Ignition Temperature (2.00 mm)	960	°C	IEC 60695-2-13
NOTE			
1.	Rate A (50°C/h), Loading 1 (10 N)		

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Recommended distributors for this material

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