

ESTAPROP 1000 V2 K

Polypropylene Copolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP 1000 V2 K is a Polypropylene Copolymer (PP Copolymer) product. It is available in Europe. Applications of ESTAPROP 1000 V2 K include electrical/electronic applications and furniture.

Characteristics include:

- Flame Rated
- Flame Retardant
- Good Processability
- Halogen Free
- Impact Resistant

General Information			
UL YellowCard	E194157-101607906		
Features	Bromine Free		
	Flame Retardant		
	Good Impact Resistance		
	Good Processability		
Uses	Electrical/Electronic Applications		
	Furniture		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	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)	50	%	ASTM D638
Flexural Modulus	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	45	J/m	
0°C	55	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	149	°C	ASTM D1525 ¹
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

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



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