

# ESTAPROP 1020

Polypropylene Homopolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP 1020 is a polypropylene homopolymer (PP Homopoly) product. It is available in Europe. Typical application areas are: electrical appliances.  
Features include:  
Flame Retardant  
Good processability  
Homopolymer

General Information			
Features	Low Halogen Content		
	Low smoke		
	Homopolymer		
	Workability, good		
	Flame retardancy		
Uses	Electrical appliances		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4 - 1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	27.0	MPa	ASTM D638
Tensile Elongation (Yield)	20	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	33	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525 <sup>1</sup>
Additional Information			
Fire Reaction Test, UNI 9177/87, Italian Laws: 1			
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	190 - 210	°C	
Mold Temperature	40.0 - 60.0	°C	
Injection Rate	Slow		
Injection instructions			
Injection Pressure: Low			

## NOTE

1. 压力1 (10N)

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## Recommended distributors for this material

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