

ESTAPROP 1050 V0 HF H

Polypropylene Homopolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP 1050 V0 HF H is a Polypropylene Homopolymer (PP Homopolymer) product. It is available in Europe. Typical application: Electrical/Electronic Applications.
Characteristics include:
Flame Rated
Flame Retardant
Good Processability
Halogen Free

General Information			
Features	Flame Retardant		
	Good Processability		
	Halogen Free		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	25.0	MPa	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	20	J/m	
23°C	25	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Vicat Softening Temperature	155	°C	ASTM D1525 ¹
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
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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