

ESTAPROP 1040 V2 HCL/H

Polypropylene Homopolymer

Cossa Polimeri S.r.l.

Message:

PP homopolymer high crystallinity, flame retardant class V2, halogen free, good mechanical characteristics.
Applications: Electrical field, electronic parts.

General Information			
Features	Flame Retardant		
	Halogen Free		
	Highly Crystalline		
	Homopolymer		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.990	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 1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	28.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°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 B (120°C/h), Loading 2 (50 N)		

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