

ESTAPROP H 1660 GFC

Polypropylene Homopolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP H 1660 GFC is a Polypropylene Homopolymer (PP Homopolymer) product filled with 30% glass fiber. It is available in Europe. Applications of ESTAPROP H 1660 GFC include appliances and automotive.

Characteristics include:

- Flame Rated
- Chemically Coupled
- High Flow
- Impact Resistant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Chemically Coupled		
	High Flow		
	High Impact Resistance		
Uses	Appliances		
	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6600	MPa	ASTM D638
Tensile Strength (Break)	80.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	6000	MPa	ASTM D790
Flexural Strain at Break	120	%	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	80	J/m	
0°C	90	J/m	
23°C	100	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	140	°C	ASTM D648
Vicat Softening Temperature	130	°C	ASTM D1525 ¹
Flammability	Nominal Value		Test Method

Flame Rating		UL 94
1.60 mm	HB	
3.20 mm	HB	

NOTE

1. Rate A (50°C/h), Loading 2 (50 N)

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