

ESTAPROP H 10100 BS

Polypropylene Homopolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP H 10100 BS is a Polypropylene Homopolymer (PP Homopolymer) product filled with 50% mineral. It is available in Europe. Typical application: Packaging.
Characteristics include:
Flame Rated
Good Aesthetics

General Information			
Filler / Reinforcement	Mineral,50% Filler by Weight		
Features	Good Surface Finish		
	High Specific Gravity		
Uses	Cosmetic Packaging		
	Packaging		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.80 to 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	25.0	MPa	
Break	21.0	MPa	
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	15	J/m	
0°C	25	J/m	
23°C	30	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648
Vicat Softening Temperature	95.0	°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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Recommended distributors for this material

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