

ESTAPROP KUR 1010 TG05

Polypropylene Copolymer

Cossa Polimeri S.r.l.

Message:

ESTAPROP KUR 1010 TG05 is a Polypropylene Copolymer (PP Copolymer) product filled with 5.0% mineral. It is available in Europe. Typical application: Automotive.
Characteristics include:
Flame Rated
Impact Resistant

General Information			
Filler / Reinforcement	Mineral,5.0% Filler by Weight		
Features	High Impact Resistance		
	Low Temperature Impact Resistance		
Uses	Automotive Applications		
	Automotive Bumper		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	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 Modulus	1000	MPa	ASTM D638
Tensile Strength (Yield)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	> 200	%	ASTM D638
Flexural Modulus	> 800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	100	J/m	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 50.0	°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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