

ATPioneers PP CAP102

Compounded Polypropylene

Asia Technology Pioneers Ltd

Message:

CAP102 is a hi-tech compounded polypropylene. This Hi-composite is produced by Nano-Technology and used widely in industry and is so cost effective.

Advantages

Good paint ability

Good dimensional (Heat) stability

Outstanding surface appearance

UV resistance

Good Scratch resistance

Certification

ISO 9001:2008

Iranian Nano Technology Initiative Council Certification

Certification from automakers

Application

Automotive Interior Parts (Dashboard Items)

Automotive Exterior and Interior Paint-on Parts

General Information			
Filler / Reinforcement	Unspecified Nano		
Features	Good Dimensional Stability		
	Good Surface Finish		
	Good UV Resistance		
	Paintable		
	Scratch Resistant		
Uses	Automotive Exterior Parts		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Appearance	Tan		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.3	MPa	ASTM D638
Flexural Modulus	2060	MPa	ASTM D790
Flexural Strength	43.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	38	J/m	ASTM D256

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