

K PP 7200

Compounded Polypropylene

Technovinyl Polymers India Ltd.

Message:

K PP 7200 is a Compounded Polypropylene material filled with 18% filler. It is available in Africa & Middle East.

Important attributes of K PP 7200 are:

Good UV Resistance

Good Weather Resistance

Heat Resistant

Scratch Resistant

UV Stabilized

Typical application of K PP 7200: Automotive

General Information	
Filler / Reinforcement	Filler, 18% Filler by Weight
Additive	UV Stabilizer
Features	Good Heat Aging Resistance
	Good UV Resistance
	Good Weather Resistance
	Scratch Resistant
Uses	Automotive Instrument Panel
	Automotive Interior Parts

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980 to 1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	> 14	g/10 min	ASTM D1238
Molding Shrinkage - Flow	< 1.1	%	
Light Fastness	2	month	SAE J1885
Scratch Resistance ¹	< 2.00	dL	Internal Method
Heat Aging - Elevated Temp. ² (150°C)	No decomposition typical of PP		
Heat Resistance - Elevated Temp. ³ (100°C)	No change in shape or surface		

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 19.0	MPa	ASTM D638
Flexural Modulus	> 1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	> 130	°C	ASTM D648

NOTE	
1.	10 N Load

2.	400 hrs
3.	24 hrs

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WECHAT