

K PP 9072 AP

Polypropylene
Technovinyl Polymers India Ltd.

Message:
Nano Engineered

General Information			
Features	Fast Molding Cycle		
	Good Heat Aging Resistance		
	High Gloss		
	High Hardness		
	High Stiffness		
	Low Warpage		
	Medium Flow		
	Scratch Resistant		
Uses	Appliance Components		
	Electrical/Electronic Applications		
	Household Goods		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.990	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	> 7.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	< 1.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	118		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	42.2	MPa	ASTM D638
Flexural Modulus	2240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Additional Information	Nominal Value	Unit	
Heat Resistance - Long Term	> 125	°C	

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