

K PP 9073 AP

Polypropylene
Technovinyl Polymers India Ltd.

Message:
Nano Engineered

General Information			
Features	Fast Molding Cycle		
	Good Heat Aging Resistance		
	Good Impact 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)	> 22	g/10 min	ASTM D1238
Molding Shrinkage - Flow	< 1.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	116		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	43.1	MPa	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	138	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Additional Information	Nominal Value	Unit	

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