

K PP 9070 AP

Polypropylene
Technovinyl Polymers India Ltd.

Message:
Nano Engineered

General Information			
Features	Fast Molding Cycle		
	Good Flow		
	Good Impact Resistance		
	High Gloss		
	High Stiffness		
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)	> 12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	< 1.1	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.3	MPa	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°C	ASTM D648

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