



TECHNOVINYL POLYMERS(I)LTD.  
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## TECHNICAL DATA SHEET

**Product Code No. KPP 9073 AP Nano Engineered**

| Properties                         | Test Method | Unit               | Value |
|------------------------------------|-------------|--------------------|-------|
| MFR @ 230 <sup>0</sup> C, 2.16 Kg. | ASTM D 1238 | Gms/10 min         | > 22  |
| Specific gravity                   | ASTM D 792  | g/cm <sup>3</sup>  | 0.99  |
| Tensile Strength @ yield           | ASTM D 638  | Kg/cm <sup>2</sup> | 440   |
| Flexural Modulus                   | ASTM D 790  | Kg/cm <sup>2</sup> | 26500 |
| Notched Izod Impact - at 23°C      | ASTM D 256  | Kg cm/cm           | 2.5   |
| Rockwell Hardness                  |             | R-scale            | 116   |
| HDT @ 0.46 N/mm <sup>2</sup>       | ASTM D 648  | Deg. C             | 138   |
| Long term Heat Resistance          |             | Deg. C             | > 125 |
| Shrinkage Value                    |             | %                  | < 1   |

### Features:

- High Stiffness
- High Gloss
- Fast Moulding Cycles
- Very High Long term Heat Resistance
- Low Warpage
- UL 94 HB Class & cUL/RTI
- High Flow
- Low Impact
- High HDT
- Scratch Resistance
- High Surface Hardness
- High Crystallization Temperature

**Applications** – ABS replacement, Injection moulded electrical, appliance parts, toys & housewares.

Manufactures Of :

Thermoplastic Elastomers  
Hi Performance PVC Compounds  
PP Compounds  
Speciality Polymers