FORMPOLY® N6GP28 (Unfilled Nylon 6)

GENERAL

flame retardant including **FORMPOLY**[®] **N6GP28.** which lubricated Nylon 6 with excellent mechanical / thermal properties and reduced shrinkage.

FORMPOLY® N6GP28

High heat resistance Easy processability **Excellent chemical resistance** Good weathering resistance Easy flow and fast solidification Fast cycle time

PRE-DRYING

FPL offers a range of Nylon6 FPL grades can normally be taken grades from unfilled, glass fibre for direct processing. However, in reinforced, mineral reinforced to case the material is exposed to atmosphere, it is advisable to predry the material at 100°C for 2 to 3 hours for good surface finish.

PACKING

FORMPOLY® N6GP28 is supplied in 25 Kgs. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

Cable sheathing Electrical switches & Knobs Plugs / Sockets **Trolley wheels** Safety helmets

| Property | ASTM Method | Unit | Value |
|-----------------------|----------------|----------|---------|
| Tensile Stress | D638 | MPa | 85 |
| Elongation at Break | D638 | % | 30 |
| Flexural Stress | D790 | MPa | 115 |
| Flexural Modulus | D790 | MPa | 3000 |
| Izod Impact Strength | D256 | kg.cm/cm | 6 |
| Notched | | | |
| Heat Deflection Temp | | | |
| - at 4.6 kg/cm² load | D648 | °C | 140 |
| - at 18.5 kg/cm² load | | | 70 |
| Specific Gravity | D792 | _ | 1.14 |
| Shrinkage | D955 | % | 1.5-2.0 |
| Relative viscosity | D2857 | _ | 2.8 |

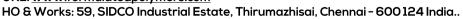
Conditioned test specimen. All results are measured under Dry-as-moulded natural test specimen Coloured grades would record slightly lower mechanical properties as permitted by ASTM D-4066

The information present here is for general guidance. It is given in good faith but no warrant is attached

FORMULATED POLYMERS LIMITED

Manufacturers of Engineering Plastics Compounds

Ph: +91-44-26811236,7:: Fax:2681 1275 E Mail: info@formulatedpolymers.com URL: www.formulatedpolymers.com



ISO 9001:2015, IATF 16949: 2009 & ISO 14001: 2015 Certified Firm

