



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
Hindustan Petroleum Corporation Limited
(A Maharatna Company)



HP
DURAPOL[®]

PERFECT BONDING

HP-3DPP **(3D Printable Polypropylene)**

“HPCL Green Research & Development center (HPGRDC) has developed 3D printable polypropylene for FDM with improved interlayer adhesion and reduced warpage”.

HP DURAPOL H3D170 is novel Polypropylene (PP) based product offering developed by state of art HPCL Green R&D Centre (HPGRDC) for 3D Printing application. The cutting edge product inter twines the dual advantages of excellent interlayer adhesion coupled with minimal warpage/shrinkage which ensures flawless and superior 3D Printing. The grade is compatible with almost all the reputed makes of FDM 3D printers available in market. The grade is available in multi colour options there by enhancing the aesthetic appeal.

1.75/2.85 mm Filament Diameter (Dimensional Accuracy +/- 0.05 mm of diameter).

Recommended Extrusion / Nozzle Temperature 190°C - 230°C and
Print bed temperature 50°C -60°C.

Available in multiple color options.

Tailor made color available for order of more than 10 kg.

APPLICATION

The HP-3DPP is suitable for industrial prototypes, Equipment spares, medical prosthetics and aesthetic products

