

HIPS

Product features:

- Can be used as primary material or dissolvable support material for ABS or PC-ABS.
- Best grade material, sticks easily to print bed, no warping or crack under control print condition.
- 1.75/2.85 mm Filament Diameter (Dimensional Accuracy +/- 3% of diameter).
- Vacuumed Sealed with Desiccant and box packed.
- Recommended Extrusion/Nozzle Temperature 225°C - 245°C and Heated bed 100°C -110°C.
- Available in natural white.

Technical Data:

Property, Test Condition	Standard	Unit	values
Rheological Properties			
Melt flow index 200 °C/5 kg	D 1238	gms/10 min	10
Mechanical Properties			
Rockwell Hardness			
Tensile Strength at yield (50 mm /min)	D 638	MPa	24
Tensile Modulus (50 mm /min)	D 638	%	0.50
Flexural strength	D 790	MPa	37
Flexural modulus	D790	MPa	1800
Izod impact (Notched)	D 256	J/m	100
Thermal Properties			
Vicat Softening Temperature	D 1525	°C	97
Heat Deflection Temperature (Unannealed , 1.80 MPA)	D 648	°C	76
Other Properties			
Specific gravity	D 792		1.03

CURRENT AVAILABILITY OF COLOURS:



NATURAL