

Open Specialty Materials for P3* powered by OpenAM™



| Name | Material Supplier | Category | Description | Sample Applications | More Info |
|-------------------|-------------------|------------------|--|------------------------------------|------------------------------------|
| PerFORM HW | Covestro | High Temperature | High stiffness, high temp, ceramic-filled resin (HDT 289°C Flex modulus 8,700 MPa) | High-temp injection molds | Covestro |
| RG1100 | BASF Forward AM | High Temperature | High temperature, rigid and fast-printing resin (HDT 116°C Flex modulus 2,880 MPa) | Molds or durable engineering parts | Forward AM |
| COR Alpha | polySpectra | High Temperature | High temperature resin with good elongation (HDT 115°C 20% E@B) | Bearing and gear components | Polyspectra |
| RG 3101 L | Evonik | Tough | Well-balanced resin with good stiffness, impact strength, and HDT (Izod 45 J/m Tg 105°C) | Buckles and rivets | Evonik 3D Printing |
| Strong-X | Liqcreate | Tough | High stiffness resin (Tg 128°C Flex modulus 3,500 Mpa) | Heavy duty components | Liqcreate |
| Formula One | Mechnano | Specialty | Rigid resin with ESD properties (Surface resistivity of 10 ^{^7} Ω) | Electrical housings, PCB carriers | Mechnano |
| Komitsudo Ceramic | Tethon3D | Specialty | Rigid high temp ceramic-filled resin (Max temp 1,700°C) | Aerospace Thermal Shields | Tethon 3D |
| CAST011 | Arkema | Specialty | High detail, burnout castable resin (Viscosity 115 cP) | Cast structural brackets | Arkema DLP |

* Open Material for P3 users can develop or print any DLP materials available to them. For more information on these materials, please contact material suppliers directly.

