**Nylon 6**

Repro

**Typical Material Properties**

|  |  |  |
| --- | --- | --- |
| Properties  | Result | Test Method |
| Ash(Spec < 0.60) | 0.0% | ISO 3451-1,-4 |
| Density  | 1.13 g/cm3 | ISO 1183 |
| Elongation | 23.52% | ISO 527 |
| Flexural Modulus | 2681 Mpa | ISO 178 |
| Flexural Strength | 97.9 Mpa  | ISO 178 |
| HDT 64 psi | 49.9 oC | ISO 75- 1,-2 |
| Impact Charpy Notched | 6.74 KJ/m2 | ISO 180  |
| Impact Izod @ 23 +/- 2C | 6.43 kJ/m 2 | ISO 180 |
| Moisture Packaged(Spec < 0.40)  | 0.14%  | ISO 15512 |
| Mold Shrinkage Flow | 1.46% | ISO 294-4 |
| Mold Shrinkage Trans | 1.59% | ISO 294-4 |
| Tensile | 71.8 Mpa | ISO 527 |
| Tensile Modulus | 2964 | ISO 527 |
| Viscosity Meta-Cresol | 1.83 | ISO 307 |
| Viscosity RV Formic Acid(Spec > 42) | 66 |  |