**Norden CM8 – Data sheet**

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|  | **Metric** |
| Density | 1.39 g.ml-1 |
| Melting point | 255°C |
| Hardness (Shore D) | 82 |
| Tensile strength at yield (D638) | 66 MPa |
| Tensile strength at break | 65 MPa |
| Tangent modulus of elasticity (D790) | 3726 MPa |
| Flexural yield strength | 113 MPa |
| Modulus of elasticity under compression | 2199 MPa |
| Compression strength at yield | 98 MPa |
| Shear strength | 50 MPa |
| Notched impact strength charpy (D256) | 26 J.m-1 |
| Notched impact strength IZOD | 30 J.m-1 |
| Abrasive Wear, dry mm 3 | 195 |
| Coefficient of linear thermal expansion | 5,9x10-5mm.mm-1.oC-1 |
| Maximum moisture absorption in water at 20°C | 0.5% |
| Equilibrium moisture absorption in air at 23°C | 0.2% |
| Dynamic unlubricated friction coefficient on. | 0.10 |
| Static friction coefficient dry (no lubrication) | 0.09 |
| Dielectric strength | 14 kV.mm-1 |
| Gamma ray resistance 50% loss of properties | 100 Mrads |

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