

Technical Data Sheet

Polystone[®] D Natural - ASTM

Typical characteristics

- Good mechanical properties
- Very wear, cutting and scratch resistant
- Good sliding properties

Typical industries

- Машиностроение
- Пищевая промышленность
- Хлебобулочные и кондитерские изделия

| | Test method | Unit | Guideline value |
|---|-------------|----------------------------|-----------------|
| General properties | | | |
| Density | ASTM D792 | g / cm ³ | 0.94 |
| Carbon Black Content | ISO6964 | % | n/a |
| Mechanical properties | | | |
| Hardness | ASTM D2240 | Shore D | 63-69 |
| Flexural Modulus | ASTM D790 | psi | 150000 |
| Izod Impact Strength | D4020 | | 9 |
| Thermal properties | | | |
| Melting Point | | °F | 275-280 |
| Maximum Service Temperature, Air | | °F | 180 |
| Coefficient of Linear Thermal Expansion | ASTM D696 | in/in/°F x10 ⁻⁴ | 1.9 |

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