

# Plaslube® PEEK 1041 A

Polyetheretherketone

Techmer Engineered Solutions

## Message:

Plaslube® PEEK 1041 A is a Polyetheretherketone (PEEK) product. It can be processed by injection molding and is available in North America. Primary characteristic: high viscosity.

| General Information                 |                   |                   |             |
|-------------------------------------|-------------------|-------------------|-------------|
| Features                            | High Viscosity    |                   |             |
|                                     | Lubricated        |                   |             |
| Appearance                          | Colors Available  |                   |             |
| Processing Method                   | Injection Molding |                   |             |
| Physical                            | Nominal Value     | Unit              | Test Method |
| Specific Gravity                    | 1.46              | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow (3.18 mm)  | 0.30              | %                 | ASTM D955   |
| Water Absorption (24 hr)            | 0.12              | %                 | ASTM D570   |
| Mechanical                          | Nominal Value     | Unit              | Test Method |
| Tensile Strength                    |                   |                   | ASTM D638   |
| Yield                               | 95.8              | MPa               |             |
| Break                               | 95.8              | MPa               |             |
| Tensile Elongation (Break)          | 3.9               | %                 | ASTM D638   |
| Flexural Modulus                    | 10400             | MPa               | ASTM D790   |
| Flexural Strength                   | 159               | MPa               | ASTM D790   |
| Impact                              | Nominal Value     | Unit              | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 50                | J/m               | ASTM D256   |

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## Recommended distributors for this material

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