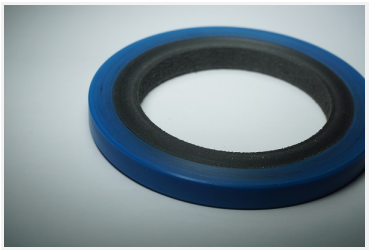
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# Datasheet ASNCM77



ASNCM77 is specially developed for shafts of cutter suction dredgers in water-lubricated shaft applications. The material offers good wear resistance, abrasion resistance and shock load absorption, combined with a low coefficient of friction. ASNCM77 is a highly developed thermosetting crosslinked polymer that optimises unique properties in the design of elastomeric materials. The polymer is a stiff material with good load and impact resistance.

## Application

## Material

Synthetic fiber / elastomer composite with friction modifiers.

## Availablity

| | Value | Unit |
|---|---|---|
| Tube inside diameter | on request | |
| Tube outside diameter | on request | |
| Length standard | on request | |
| Inside diameter | on request | |
| Outside diameter | on request | |
| Flange diameter | on request | |
| Flange height | on request | |
| Total length | on request | |

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
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# ASNCM77 - Specifications

## Physical properties

| | Test standard | Value | Unit |
|---|---|---|---|
| Density | | on request | |

## Mechanical properties

| | Test standard | Value | Unit |
|---|---|---|---|
| Module of elasticity - Youngs modulus | | on request | |
| Tensile strength | | 60 O / 28 I | MPa |
| Shear strength | | on request | |
| Impact strength | | on request | |
| Hardness | | 75 O / 90 I | SHORE-D / SHORE-A |
| Dynamic load capacity | | on request | |
| Elongation at break | | 210 O / 415 I | % |

## Thermal properties

| | Test standard | Value | Unit |
|---|---|---|---|
| Thermal expansion Parallel to laminate | | on request | |
| Thermal expansion Normal to laminate | | on request | |
| Min. working temperature | | on request | |
| Max. working temperature | | on request | |
| Intermittent working temperature | | on request | |

## Friction properties

| | Test standard | Value | Unit |
|---|---|---|---|
| Coefficient of friction dynamic | | on request | |
| Max. sliding speed | | on request | |
| Max. Pv-load dry | | on request | |
| Max. Pv-load oil lubricated | | on request | |
| Max. Pv-load on regular greased | | on request | |

## Electrical properties

| | Test standard | Value | Unit |
|---|---|---|---|

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