

Armlen PE-2AFX

An anti-friction, extrusion polyethylene.

Designed for extrusion of inner surface materials of polyethylene pipes.

Available in natural color.

| Properties | Test method | Unit | Typical value |
|----------------------------------------------|-------------|-------------------|---------------|
| MISCELLANEOUS | | | |
| Density | ISO 1183 | kg/m ³ | 950 |
| Yield Stress | ISO 527 | 50mm/min | 24 |
| Strain at Break | ISO 527-1 | % | 500 |
| Tensile Modulus | ISO 178 | MPa | 760 |
| Charpy Impact Strength at +23°C (un-notched) | ISO 179-1 | kJ/m ² | No break |
| Charpy Impact Strength at +23°C (notched) | ISO 179-1 | kJ/m ² | 16 |
| THERMAL | | | |
| Melting Point | ISO 11357 | °C | 130 |
| PROCESSING | | | |
| Melt Flow Rate (250 °C; 2,16 kg) | ISO 1133 | g/10 min | 2.8 |
| Melt Temperature | | °C | 250 |
| Mold Temperature | | °C | 60 |
| FLAMABILITY | | | |
| Safety of Flammability | UL 94 | | V2 |

Comment:

All processing parameters as well as information on shrinkage specimen should be requested from the manufacturer.

If stored in a dry warehouse – dehydration not required

Date of issue 29.08.2018

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