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<u>Technical Data Sheet</u> <u>Clamping Profiles with Seals</u> <u>1055140</u>

| <u>Clamp:</u> | | |
|---------------------|------------------|-----------|
| Physical Properties | Test Values | Standards |
| Hardness 5 Sec | 30 SH d | ISO 868 |
| Density | 1.1 | ISO 1183 |
| Tensile Strength at | 12N/mm | ISO 37 |
| Break | | |
| Elongation at Break | 690% | ISO 37 |
| D.R.C 22H At 70°C | 60% | ISO 815 |
| Temperature | -50°c to +85 °c | |
| Resistance | | |
| Colour | Colourable Beige | |

Polymax's TPE P121 is a thermoplastic elastomer rubber of S.E.B.S This quality offers a good resistance to atmosphere agents, aging to UV and to usual chemical products (excluding organic solvents, aromatic and vegetable oils.)

100% Recyclable EU 2002/95/EC RoHS & 200/53CE

Reduction of Grey Energy (energy cost of production and transport):

- Lower energy cost of production: no firing after extrusion
- Low density: lower carbon footprint & cheaper freight costs

Compliance with Rules

Regulation CE Nº 1907/2006 REACH

Directive 2002/95/Ec (RoHS): limitation of hazardous materials in electric and electronic devices

Directive 2000/53/EC: end of life vehicles

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Soft Lip:

| Physical Properties | Test Values | Standards |
|---------------------|------------------|----------------|
| | | |
| Hardness 5 Sec | 57 SH A | ISO 868 |
| Density | 1.09 | ISO 2781 |
| Tensile Strength at | 7.8 Mpa | ISO 37 |
| Break | | |
| Elongation at Break | 700% | ISO 37 |
| D.R.C 24H At 23°C | 20% | ISO 815 type B |
| DRC 24H AT 70°C | 46% | ISO 815 type B |
| Temperature | -35°c to +75 °c | |
| Resistance | | |
| Colour | Colourable Beige | |

Polymax's TPE P404 is a thermoplastic elastomer rubber of TPS-SBS/S.E.B.S type. This quality offers a good resistance to atmospherics agents, ageing, to UV and to usual chemical products (excluding organic solvents, aromatic and vegetable oils)

Polymax's TPE P404 is 100% recyclable.

giving you the advantage

This quanity is compatible with silicone sealents: DOW Dow Corning 719 & Dow Corning Fire Stop 700, SIKA Sikasil SG 500 & WS 605S, ILLBRUCK Perenator FS 121. It is also compatible with self-cleaning glasses: Bioclean from SAINT GOBAIN & Pilkington Active from PILKINGTON.

Food Contact According Suppliers Datas

Not suitable for food applications.

Compliance with Rules

Regulation CE Nº 1907/2006 REACH

Directive 2002/95/EC (RoHS): We are not aware of any lead, mercury, hexavalent chromium, polybrominated biphenyles (PBB) or polybrominated diphenylethers (PBDE) being present in our compounds beyond permissible levels.

Directive 2002/96/EC (WEEE):We are not aware of any polychlorinated biphenyles (PCB), polychlorinated terphenyls (PCB/PCT), mercury, brominated flame-retardants, asbestos, chlorofluorocarbons (CFC), hydrochlorocarbons (HCFC), hydrofluorocarbons (HFC), ceramic fibres or radioactive substances being present in our compounds beyond permissible levels.

Although the technical details and recommendations made correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intend to use Polymax products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.