

Technical Data Sheet
Clamping Profiles with Seals
1055141

Clamp:

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

Polymax's TPEP121 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 N° 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

Soft Lip:

| Physical Properties | Test Values | Standards |
|----------------------------------|------------------|----------------|
| Hardness 5 Sec | 57 SH A | ISO 868 |
| Density | 1.09 | ISO 2781 |
| Tensile Strength at Break | 7.8 Mpa | ISO 37 |
| 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 Resistance | -35°C to +75 °C | |
| 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 atmospheric agents, ageing, to UV and to usual chemical products (excluding organic solvents, aromatic and vegetable oils)

Polymax's TPE P404 is 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

This quantity is compatible with silicone sealants: 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 N° 1907/2006 REACH

Directive 2002/95/EC (RoHS): We are not aware of any lead, mercury, hexavalent chromium, polybrominated biphenyls (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 biphenyls (PCB), polychlorinated terphenyls (PCB/PCT), mercury, brominated flame-retardants, asbestos, chlorofluorocarbons (CFC), hydrochlorocarbons (HCFC), hydrofluorocarbons (HFC), ceramic fibres or radioactive substances