

# Technical data sheet

6120 siafleece



|                         |                     |
|-------------------------|---------------------|
| MKP person responsible: | Harald Schützeneder |
| Status:                 | Ok                  |
| Approval:               | 07.03.2016          |

| <b>Classification</b>       | Public series                 |
|-----------------------------|-------------------------------|
| Product type:               | Non woven abrasives           |
| Main application area:      | Metal                         |
| Secondary application area: | Coatings and Composites; Wood |

| <b>Product profile</b> |                                    |
|------------------------|------------------------------------|
| Grit type:             | Aluminium oxide<br>Silicon carbide |
| Grit range (total):    |                                    |
| Backing:               | Nonwoven                           |
| Coating:               | Mechanical                         |
| bonding:               | Resin over resin                   |
| Special coating:       |                                    |
| Equipment:             |                                    |

| <b>Properties</b> |                      | <b>Technology</b> |
|-------------------|----------------------|-------------------|
| Cut:              | 6 - medium           | - siafast         |
| Lifetime:         | 8 - long             |                   |
| Finishing:        | 7 - good             |                   |
| Flexibility:      | 10 - highly flexible |                   |
| Contact pressure: | 3 - little           |                   |

| <b>Advantages</b>      |   |
|------------------------|---|
| Coatings & composites: |   |
| Wood:                  | <ul style="list-style-type: none"><li>- Highly flexible and adaptable to contours</li><li>- 3-dimensional grit penetration</li><li>- Low clogging</li><li>- Alkali- and solvent-resistant</li><li>- Extremely long lifetime</li><li>- Very low flammability and thus a safe alternative to steel wool</li></ul> |
| Metal:                 | <ul style="list-style-type: none"><li>- Highly flexible and adaptable to contours</li><li>- For manual or portable machine sanding</li><li>- Low clogging</li><li>- Suitable for general use in dry and wet sanding applications</li></ul>  |
| Panels:                |   |

| <b>Applications</b>    |  |
|------------------------|--|
| Coatings & composites: |  |







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| Applications |  |
|--------------|--|
| Wood:        | <ul style="list-style-type: none"> <li>- Fine sanding</li> <li>- Intermediate sanding of varnishes to trim projecting wood fibres</li> <li>- Removing spray vapour</li> <li>- Sanding of profiled and rounded workpieces</li> <li>- Flatting of primer filler</li> </ul> |
| Metal:       | <ul style="list-style-type: none"> <li>- Removing rust</li> <li>- Removing discolouration</li> <li>- Structuring/finishing</li> </ul>  |
| Panels:      |  |

| Material               | Superordinate group   | Subgroup   |
|------------------------|---|--|
| Coatings & composites: |   |  |
| Wood:                  | <ul style="list-style-type: none"> <li>Coatings</li> <li>Solid wood</li> <li>Solid wood</li> </ul>                                    | <ul style="list-style-type: none"> <li>○ Lacquer</li> <li>● Hardwood</li> <li>● Softwood</li> </ul>                                |
| Metal:                 | <ul style="list-style-type: none"> <li>High alloy steels</li> <li>Non-alloy / low-alloy steels</li> <li>Non-ferrous metals</li> </ul> | <ul style="list-style-type: none"> <li>High-alloy steel</li> <li>Unalloyed / low-alloy steel</li> <li>Non-ferrous metal</li> </ul> |
| Panels:                |   |  |

| Conversion forms  | Upper conversion  | Lower conversion                 |
|---|-------------------|----------------------------------|
|  | Rolls             | - siavlies rolls                 |
|  | Sheets            | - Standard curves                |
|  | Strips            | - siavlies strips                |
|  | Discs             | - siavlies discs                 |
|  | Flap wheels       | - Flap wheel with shaft nonwoven |
|  | System components | - siastar profiles               |

| Use  | Superordinate group | Subgroup |
|------|---------------------|----------|
| Cut: |                     |          |

| Details                 |  |
|-------------------------|--|
| No suitability for:     |  |
| Sanding recommendation: |  |

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| Details                |  |
|------------------------|--|
| Safety recommendation: | <ul style="list-style-type: none"> <li>- Pay attention to the abrasives safety data sheet (available from sia Abrasives)</li> <li>- Follow the general FEPA safety recommendations</li> <li>- Use eye and face protection</li> <li>- Use an effective dust extraction unit or wear a fine dust mask</li> </ul> |

| Communication         |  |                               |
|-----------------------|--|-------------------------------|
| Claim:                | for even surface finishes in manual and portable machine sanding   |                               |
| Copy:                 | 6120 siafleece can be used for dry and wet sanding and impresses due to its high conformability, consistent performance over the entire lifetime, low tendency to clog, and consistently high surface quality. |                               |
| Industrial Verticals: |  |                               |
| Image material:       | Product Top View (PTV)   | Front side: ID 4884           |
|                       |  | Reverse side: ID 4884         |
|                       | Application image  | Coatings & composites: ID 557 |
|                       |  | Wood: ID 557                  |
|                       |  | Metal: ID 557                 |
|                       |  | Panels: ID 557                |
|                       | Product show:  |                               |
| Macro shot:           |  |                               |
| Packaging image:      |  |                               |
| Product group image:  | ID 7624  |                               |
|                       | ID 1684  |                               |

- Main application
- Secondary application