

## TECHNICAL PRODUCT INFORMATION

|                               |   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
|-------------------------------|---|----------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>PRODUCT</b>                | <b>PLASTIC GRANULATE</b>  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>TYPE</b>                   | <b>Polyamide 6</b>  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>DESCRIPTION</b>            | Non-metallic, organic fine blasting medium made of plastic.<br>APPLICATIONS:<br>Smooth deburring of pressed plastic parts without leaving traces of treatment on the polished surface. Non-abrasive, dust-free with exact internal force variable.  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>USE</b>                    | Our Plastic granulate are used especially suitable for surface treatment of delicate parts. Applied to full- or semi-automatic blast cabinets, blast plants or deburring plants it can be used for sensitiv treatment of thermoset (Duroplast) mouldings whose surface should not be damaged  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>SIEVING RANGES</b>         | <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">natural white:</td> <td style="text-align: center;">tinted red:</td> </tr> <tr> <td style="text-align: center;">0,50 X 0,50 mm</td> <td style="text-align: center;">0,50 X 0,50 mm</td> </tr> <tr> <td style="text-align: center;">0,75 X 0,75 mm</td> <td style="text-align: center;">0,75 X 0,75 mm</td> </tr> <tr> <td style="text-align: center;">1,00 X 1,00 mm</td> <td style="text-align: center;">1,00 X 1,00 mm</td> </tr> <tr> <td style="text-align: center;">1,00 X 1,50 mm</td> <td style="text-align: center;">1,00 X 1,50 mm</td> </tr> <tr> <td style="text-align: center;">1,50 X 1,50 mm</td> <td style="text-align: center;">1,50 X 1,50 mm</td> </tr> <tr> <td style="text-align: center;">1,00 X 2,00 mm</td> <td style="text-align: center;">1,00 X 2,20 mm</td> </tr> <tr> <td style="text-align: center;">2,00 X 2,00 mm</td> <td style="text-align: center;">2,00 X 2,00 mm</td> </tr> <tr> <td style="text-align: center;">3,00 X 3,00 mm</td> <td style="text-align: center;">3,00 X 3,00 mm</td> </tr> </table> <p style="text-align: center;">Tolerance: +/- 0.1mm</p> <p style="text-align: center;">available in cylindrical and cubic shape</p> | natural white: | tinted red: | 0,50 X 0,50 mm | 0,50 X 0,50 mm | 0,75 X 0,75 mm | 0,75 X 0,75 mm | 1,00 X 1,00 mm | 1,00 X 1,00 mm | 1,00 X 1,50 mm | 1,00 X 1,50 mm | 1,50 X 1,50 mm | 1,50 X 1,50 mm | 1,00 X 2,00 mm | 1,00 X 2,20 mm | 2,00 X 2,00 mm | 2,00 X 2,00 mm | 3,00 X 3,00 mm | 3,00 X 3,00 mm |
| natural white:                | tinted red:   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 0,50 X 0,50 mm                | 0,50 X 0,50 mm  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 0,75 X 0,75 mm                | 0,75 X 0,75 mm  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 1,00 X 1,00 mm                | 1,00 X 1,00 mm  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 1,00 X 1,50 mm                | 1,00 X 1,50 mm  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 1,50 X 1,50 mm                | 1,50 X 1,50 mm  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 1,00 X 2,00 mm                | 1,00 X 2,20 mm  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 2,00 X 2,00 mm                | 2,00 X 2,00 mm  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 3,00 X 3,00 mm                | 3,00 X 3,00 mm  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>TECHNICAL DATA</b>         |   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Polymer:                      | Nylon 6   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Specific weight:              | approx. 1.13 g/cm <sup>3</sup>  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Bulk weight:                  | approx. 0.71-0.78 kg / l  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Hardness by HRR:              | approx. 110   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Viscosity:                    | approx. 3.8   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Storage:                      | dry and sheltered   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>REQUIREMENTS</b>           |   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>Chemical composition</b>   | Polyamide 6 (polycabrolactarte) untinted or tinted with PA red 32G4292 (0.20%).   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>PACKAGING</b>              | plastic bags of 25 kg net (500 kg/pallet)   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>SPECIFICATIONS</b>         | SWARCO Glass granulate comply with the regulation of. ASTM, ISO 9001  |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| <b>PRODUCTION &amp; SALES</b> | SWARCO VESTGLAS GmbH<br>Rumplerstraße 12, D-45659 Recklinghausen<br>T. +49-2361-6094-0, F. +49-2361-6094-55<br>E. <a href="mailto:office.vestglas@swarco.com">office.vestglas@swarco.com</a><br>Website: <a href="http://www.swarco.com">www.swarco.com</a>   |                |             |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable but the accuracy and completeness thereof is not guaranteed. Data is subject to alteration due to technical advances.