

# TECHNICAL DATA SHEET

## PA-Dry

### Granulate for dry shot-blasting

Polyamide 6.6 material for deflashing thermosetting or thermoplastic materials.

PA-Dry is made of high-quality polyamide 6.6 (Nylon) and distinguished by its exact cutting quality. Due to the optimized production process in state-of-the-art extrusion and cutting machines, PA-Dry permits shorter shot-blasting times combined with high dimensional stability, thus ensuring high deflashing performance and comparably long service life.

PA-Dry is mainly used in the electrical industry for the deflashing of switches, plugs or other mouldings. The antistatic agent in the polymer structure prevents the usual formation of dust in automatic systems. PA-Dry can even be used for cryogenic deflashing of rubber components at temperatures down to -40°C.

Chemical characterization	: PA6
Specific weight	: 1,14 g/cm <sup>3</sup> on ISO 1183
Powder density <sup>(1)</sup>	: ca. 700 – 800 g/Litre
Hardness (ball pressure H358/30)	: 150/70 on ISO 2039-1
Grain shape	: cylindrical : cubical
Colour	: Natural white : red
Size <sup>(2)</sup>	: 0,50 mm : 0,75 mm : 1,00 mm : 1,50 mm
IZOD impact strength 23°C	: 5,5 kJ/m <sup>2</sup> on ISO 180/1A
Water absorption Sat/23C	: 9,5% on ISO 62
Water absorption 23C/50RH	: 3,0% on ISO 62
Specific resistance	: >10 <sup>13</sup> Ohm*m on IEC 60093
Surface resistance	: 10 <sup>10</sup> Ohm on IEC 60093
Packing	: 25 kg box with PE- inlay : 125 kg fibre drum with PE- inlay

Other grain sizes and colour preference on request.

(1) depend by grain size

(2) +/- 20%

