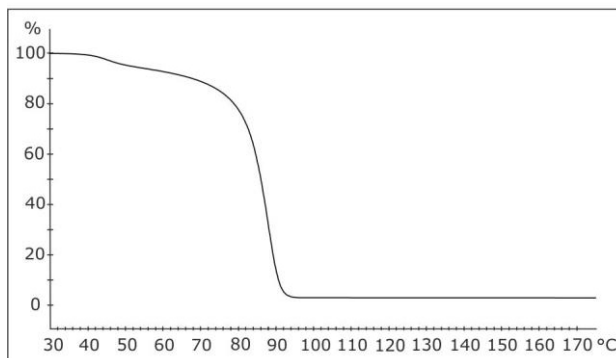


QZF-SIL is a high performance thermoplastic copolyamide adhesive available in powder form. It is specifically designed for bonding to PVC although its low fusing temperature allows its use on a wide variety of delicate substrates.



Typical melting curve, TMA

Physical properties

| | | | |
|---------------------------------|--------|-------------------|-----------------|
| Melting point | DSC | °C | 87 - 97 |
| Melting range | Kofler | °C | on: 78 off: 105 |
| Melt flow rate (2.16 kg), ± 20% | 160 °C | g/10min | 50 |
| Melt flow rate (2.16 kg), ± 20% | 190°C | g/10min | 155 |
| Hardness | Shore | | D58 |
| Density | | g/cm ³ | 1.09 |

Fusing conditions

| | |
|-----------------------|-------------------------|
| Glue-line temperature | 110 - 130 °C |
| Pressure | 2 - 4 N/cm ² |
| Time | 10 - 15 s |

Other parameters

| | |
|-------------------------|-------|
| Washing resistance | 60 °C |
| Dry cleaning resistance | good |

Delivery units and storage conditions

| | |
|------------|-------------------------------------|
| Units | 20 kg PE bags, big bags |
| Conditions | dry storage at <25°C, up to 2 years |

Particle sizes

| | |
|-----------------|--------------|
| Paste dot | 0 - 80 µm |
| Double dot | 80 - 200 µm |
| Scatter coating | 100 - 500 µm |

The data presented in this data sheet represent typical properties and are based upon currently available knowledge. This information does not relieve the user of the need to confirm the data and suitability with their own tests. QUESTOR assumes no liability. For questions concerning product quality and safety please contact the address provided below.