

固废垃圾 (CSR 2)

行 业:	Plastics / textiles, Environment
进料尺寸:	< 6cm (<4mm CSR; CSR1&2 < 6cm)
最终精度:	< 0,5mm
样 品 量:	1kg
研磨建议:	Sample "CSR <4mm" and CSR 2 (747) can be ground with our Universal Cutting Mill PULVERISETTE 19 in combination with the cyclone separator. Sample CSR1 use to contain a high percentage of thermoplastic foil which use to start melting immediately. Even with a previous embrittlement, a grinding to <2mm would be tuff for such high amounts.



UNIVERSAL CUTTING MILL PULVERISETTE 19

disk milling rotor with indexable inserts and knives made of hardmetal tungsten carbide with sample exhauster system with cyclone separator

+ sieve cassette 0,5 mm trapezoidal perforation

Material attributes:	sample "CSR 2 (747)"
Feed quantity:	765 g (complete sample)
Feed Size:	~ 6 cm
Grinding time:	16 min
Final fineness:	< 0,5 mm
Comments:	Because resulting particles use to be very lightweight and floccose, we recommend a lower feeding rate to support a separation of sample inside the cyclone. Else, sample might become blown into the cyclones pre filter element (which can be cleaned easily with a vacuum cleaner).

The 5L-collecting glass appears to be filled properly after ~ 200-300g of sample have been ground. So we emptied the glass 3 times during our grinding trial.

After grinding, a very small amount of dust has been covering the pre filter element of the cyclone separator; rotor and grinding chamber are almost free of sample. Cleaning has been done rapidly with a vacuum cleaner and a soft brush.