

## ABS REGRANULATE

Regranulate is output from processing plastics from electronic scrap (WEEE or refrigerators) after washing processing, electrostatic separating and extrusion.

### Quality control

Every output is regularly tested in our modern laboratory. Quality protocol is commonplace.

### Technical information

- Filter: 150  $\mu$
- Degassing: vacuum degassing
- Colour: light grey, black
- Application: injection / extrusion
- Packing: big bags on pallets

Properties (unit)	
Melt mass-flow rate 220°C / 10 kg (g/10 min)	23,00 – 28,00
Density (g/cm <sup>3</sup> )	1,075
Tensile strength at yield (MPa) $\sigma_y$	30,00 - 36,00
Tensile strength at break (MPa) $\sigma_M$	30,00 - 36,00
Tensile elongation at yield (%) $\epsilon_y$	1,90 - 2,50
Tensile elongation at break (%) $\epsilon_B$	5,50 - 15,00
Flexural Modulus (MPa) $A_t$	2230 - 2380
Charpy unnotched impact strength (kJ/m <sup>2</sup> ) $a_k$	8,00 - 9,50

