



Technical data sheet

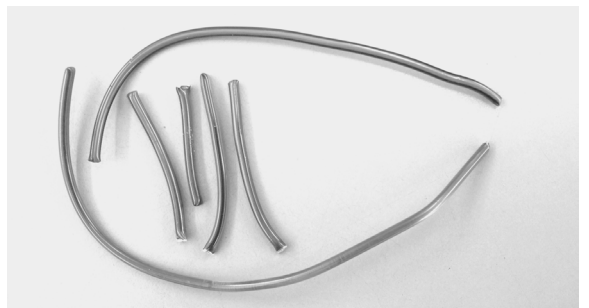
General technical data

Type of material	Acrylonitrile-butadiene-styrene copolymer (ABS)
Description	regrind, coloured
Origin	ex toys

Physical/mechanical properties

	Value	Unit	Test method
Purity	> 99.9	%	DFA, MIR
Grain size	< 8.0	mm	ISO 3310
Residual moisture	< 0.2	%	ISO 15512
Density	1.04	g/cm ³	ISO 1183
MFI (220 °C/10 kg)	23 – 27	g/10 min	ISO 1133
Charpy impact strength (23°C)	21.7	kJ/m ²	ISO 179/1eA
Stain at break	33.18	eB[%]	ISO 527
Tensile strength	42.1	MPa	ISO 527-2
E-Modulus	2,251	MPa	ISO 527-2



Regrind/ MFI strings (even)



Disclaimer

This data sheet is intended for your personal use only. Guide values are given in this data sheet. These values can be influenced by processing conditions, modifications, material additives and environmental influences and do not exempt the user from carrying out his own tests and trials. The processing conditions influence the values to a large extent, therefore it is essential to test the material under conditions of use on the finished part. The values are compiled on the basis of current experience and knowledge. A legally binding assurance of certain properties or suitability for a specific application cannot be derived from our information. We reserve the right to change these values without prior notice. The recipient of our products is responsible for complying with all regulations.

ATP Service & Consulting GmbH

 Industriestraße 12-14  +49 (0)3342 42 46 830
 15366 Hoppegarten  +49 (0)3342 42 46 831
 www.atp-recycling.de  info@atp-recycling.de