

Product Texts

PA 6 (mainly), 30 % glass fibers, Injection moulding, contains at least 80 % pre consumer recycle, properties may change considerably from lot to lot

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	8500 / -	MPa	ISO 527
Stress at break	135 / -	MPa	ISO 527
Strain at break	2.5 / -	%	ISO 527
Charpy impact strength, +23°C	50 / -	kJ/m ²	ISO 179/1eU

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	210 / *	°C	ISO 11357-1/-3

Other properties	dry / cond	Unit	Test Standard
Water absorption	7 / *	%	Sim. to ISO 62
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1360 / -	kg/m ³	ISO 1183

Test specimen production	Value	Unit	Test Standard
ISO Data			
Injection Molding, melt temperature	280	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Certifications

Recycled Resin Content

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa