

TECHNICAL CARD

GreenWay Polymers r-PP, light gray



Properties	Result	Unit
Impact strength Charpy method without notch (ISO 179-1:2004) pendulum 5 J	20,23 ± 1,30	[kJ/m ²]
Melt flow index Analysis with a load plastometer (PN-EN ISO 1133-1:2022-12, condition 12M) temperature 230°C, load mass 2,16 kg, piston displacement 30 mm	7,50 ± 0,50	[g/10 min]
Stress at break Static tensile test (PN-EN ISO 527), speed 100 mm/min, temperature 23 ± 2°C	30,52 ± 0,38	[MPa]
Elongation at break Static tensile test (PN-EN ISO 527), speed 100 mm/min, temperature 23 ± 2°C	41,74 ± 6,61	[%]
Granule size Sieve analysis (PN-ISO 2591-1:2000)	2,5 - 4,0	[mm]
Bulk density (PN-EN ISO 60:2011)	0,6 ± 0,05	[g/cm ³]
Humidity drying at 80 °C using a moisture analyzer	max 0,20	[%]
The filler content	30 % calcium carbonate/ talc residual amounts of glass fibre	