

TECHNICAL CARD

GreenWay Polymers r-PS(HIPS), GRAY



Properties	Result	Unit
Impact strength Charpy method without notch (ISO 179-1:2004) pendulum 5 J	34,56 ± 4,06	[kJ/m ²]
Softening point Vicat method (ISO 306:2006; A50), load 10N, heating rate 50 K/h	97,7 ± 0,40	[°C]
Heat deflection temperature HDT method (ISO 75-1:1998; method A) bending stress 1.8 MPa, heating rate 120 K/h	72,7 ± 0,10	[°C]
Melt flow index Analysis with a load plastometer (PN-EN ISO 1133- 1:2022-12, condition 8H) temperature 200°C, load mass 5 kg, piston displacement 30 mm	4,63 ± 0,50	[g/10 min]
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	[%]