

HIPS Fridge Regranulate - Light Grey

High-impact polystyrene regranulate recovered from refrigerator components, light grey (approx. RAL 7040). Consistent melt flow and good unnotched impact, for injection moulding and extrusion of technical and consumer parts.

GENERAL	
Form	Regranulate
Colour	Light grey (≈ RAL 7040)
Bulk density	635 kg/m ³

PROPERTIES	Typical value	Test method
Melt flow index (200 °C / 5 kg)	5.5 - 6.5 g/10 min	ISO 1133
Tensile stress at yield	> 23.5 MPa	ISO 527-2 / 1A, 50 mm/min
Tensile strain at break	> 21 %	ISO 527-2 / 1A, 50 mm/min
Tensile modulus	> 1,900 MPa	ISO 527-2 / 1A, 50 mm/min
Notched Izod impact	5 - 6 kJ/m ²	ISO 180 / 1A, 23 °C
Unnotched impact	> 24 kJ/m ²	ISO 179 / 1eU, 23 °C
Density	1.061 g/cm ³	ISO 1183, 23 °C

PACKAGING Big bags on pallets

The values reported are typical values and are not to be considered as specification limits. As a recycled material, minor batch-to-batch variations may occur. The information is given in good faith and does not release the user from verifying the suitability of the product for the intended process and application. Samples and lot certificates are available on request.