



TECHNICAL DATA SHEET

HDPE WASTE BIN MIX regrind

Physical properties	Metric
Material and quality	HDPE
Shape and size	Regrind ~ 10 mm
Melt Flow Index	10.5 g/10 min (190°C, 5,00kg)
Determination of the melt mass-flow rate (MFR) in accordance with LVS EN ISO 1133-1:2022	
Color	MIXED COLOR
Density of polymer materials	
<i>Average density of the sample</i>	0,956 g/cm ³
The density of polymeric materials was determined in accordance with LVS EN ISO 1183-1:2019	
<i>The immersion fluid used</i>	Ethanol (density $\rho_{EtOH}=0,803$ g/cm ³)
<i>Testing temperature</i>	$T_t=24,3^{\circ}\text{C}$
The ash content of the polymer material was determined in accordance with LVS EN ISO 3451-1:2019	
Differential scanning calorimetry (DSC)	
The DSC curve was taken in temperature range from 25 °C to 300 °C with heating rate 10,0 °C/min in a nitrogen atmosphere, flow rate - 50±5 cm ³ /min.	
Delivery options	
Packaging	Big – bags, max 880 kg
Delivery on pallets	1x1,2m
One truck load	22-24t

Material source picture



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