TECHNICAL DATA SHEET

LDPE foam regranulate

Physical properties	Metric
Material and quality	LDPE foam regranulate
Shape and size	Pellet size ~ 3-6 mm
Melt Flow Index	2,91-2,95 g/10 min (190˚C, 2,16kg)
Determination of the melt mass-flow rate (MFR) in accordance with LVS EN ISO 1133-1:2022	
Color	White
Density of polymer materials	
Average density of the sample	*0,926 g/cm^3*
The density of polymeric materials was determined in accordance with LVS EN ISO 1183-1:2019	
The immersion fluid used	*Ethanol (density ρ_{EtOH}=0,806 g/cm^3)*
Testing temperature	*T_t=23,0˚C*
Differential scanning calorimetry (DSC)	
The DSC curve was taken in temperature range of from 25 ˚C to 300 ˚C with heating rate 10,0 ˚C/min in a nitrogen atmosphere, flow rate - 50±5 cm^3/min. See attachment Nr. 1	
Sample mass	8,81 mg
The onset temperature of the calorimetric effect	42,36 ˚C
The maximum temperature of the calorimetric effect	113,36 ˚C
The end temperature of the calorimetric effect	128,88 ˚C
Enthalpy of calorimetric effect	-114,42 J/g
Delivery options	
Packaging	Big – bags, max 880 kg
Delivery on pallets	1x1,2m
One truck load	21-22t