

Material Data Sheet - 100% rPET Granules

Specification	Values	Unit	Test Method
Delivery form	Spherical Granules		
Intrinsic Viscosity (iV-Value)	0.76 / 0.80 / 0.84 +/- 0.02	dl/g	ASTM D 4603

Physical / Chemical characteristics			
Moisture	< 0.3	%	ASTM D6980
Color CIE	L a b	67 ± 2 -3 to +/- 2 0 to -3	
Pellet Count	45 - 55	pellet/gram	
Odour	No Odour		
Melting Point	245 ± 5	°C	ASTM D3418
Bulk density	830 – 910	kg/m3	ASTM D1895
Fines	0.01	%	

Purity values			
Acetaldehyde	< 1	ppm	GC-MS
Benzene	< 30	ppb	GC-MS
Crystallinity	> 30	%	

Packaging	
Big Bags on Pellets	Approx 1100 Kg (1.2m x 1.1m x 1.1m)

Remarks regarding raw material
All rPET Granules are produced using PET Flakes produced in-house and strictly made out of post-consumer PET Bottles. More than 95% of our PET comes from water and soft drink bottles. These values are guidelines, which are valid for an average load (20 Big Bags) and can range within the given limits.

Suitable Applications:

- Bottle to Bottle Grade
- PET Sheet Grade

Disclaimer: The data presented herein is true and accurate to the best of our knowledge. No warranty or guarantee expressed or implied is made regarding performance or otherwise.