

RPET 0.84 IV



Property	Value	Unit	ASTM
Intrinsic Viscosity	0.84 ± 0.02	dl/g	
Acetaldehyde	1.5 Max	ppm	
Color L	63 Max		
Color b	1 Max		
Moisture Content (when packed)	0.2 max	wt%	
Melting Point	249 ± 4	°C	
Fine Particles	0.1 max	%	
Particle Form	Spherical		
Particle Size	40-50	pellets/gram	
Crystallinity	40	min	
Bulk Density	840 ± 50	g/l	

Processing Condition:

Barrel Temperature: 270 - 295 C

Drying: 160 - 170 C, 4 - 6 hrs.

Notes:

RPET is 100% PCR (Post-consumer recycled)

RPET resin is in compliance with the USA FDA Code of Federal Regulation CFR 21Section 177.1630, Commission Regulation EU No 10/2011 & 1935/2004 and RoHS Directives 2011/65 EU.

RPET resin does not contain any “Substance of Very High Concern” (SVHC), as per the latest list published by ECHA. There are no VOC (volatile organic compounds) in its RPET resin (all grades).