



Peninsula Plastics Recycling

**Specifications for PPR2000 Solid Stated RPET Resin 100%
FDA Post-Consumer PET**

<u>ATTRIBUTE</u>	<u>SPECIFICATION</u>
INTRINSIC VISCOSITY	0.80 ± 0.02 dL/gm.
MELTING POINT	246° ± 3° C.
CRYSTALLINITY	> 40%
CIE (L, a, b) COLOR	L* > 68.0 † a* - 1.5 ± 0.5 b* < 3.0
# PELLETS / GRAM	55 to 65
PELLET SHAPE	Spherical
FINES	0.08 % MAX.
METAL, BLACK SPECK CONTAMINANTS	NONE ††
AA	< 1 ppm
BENZENE	< 120 ppb
LIMONENE	< 50 ppb
MOISTURE CONTENT	0.75 % MAX. ⁽³⁾
BULK DENSITY	50 - 60 lbs/ ft ³

Peninsula Plastics Recycling MAKES NO WARRANTY BEYOND THE SPECIFICATIONS AND DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

⁽³⁾ Maximum theoretical equilibrium moisture content of crystallized PET upon exposure to 100% humidity ambient conditions is 0.7%. Resin is weighed for shipment when less than 0.2% moisture

† 1976 CIE L,a,b – CIE 1931 10° Observer angle – D65 Illuminant; Reflectance method

†† Contaminant free as provided by continuous melt filtration by min. 150 Mesh screen. Other (Mesh sizes) available.