



Peninsula Plastics Recycling

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Quality Standards for PCR CLEAR PET Flake:

<u>ATTRIBUTE</u>	<u>SPECIFICATION</u>
INTRINSIC VISCOSITY	0.71 - 0.80 dL/gm
CIE (L, a, b) COLOR [†]	2.0 MAX. "b" value 61.0 ± 3.0 "L" value -1.00 ± 1.0 "a" value
FINES	0.4% MAX.
FLAKE pH	7.00 ± 0.5
WASH RESIDUALS	< 3.0 Color change
VOLATILES	< .01 % Residue
MOISTURE CONTENT	1% MAX.
DENSITY	1.335 gm /cc MIN.
BULK DENSITY	25-32 lbs/ ft ³
FLOATABLE CONTAMINATION	10 ppm MAX.
PVC CONTAMINATION	< 10 ppm
GLUE CONTAMINATION	< .005 % Residue
PETG CONTAMINATION	< 10 ppm
METAL CONTAMINATION	< 10 ppm
OTHER - NON MELTING	< 50 ppm
GREEN PET CONTAMINATION	< 700 ppm
Combined (color) PET CONTAMINATION	< 1500 ppm

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