



## Peninsula Plastics Recycling

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### Quality Standards for FDA PCR CLEAR PET Flake:

<u>ATTRIBUTE</u>	<u>SPECIFICATION</u>
INTRINSIC VISCOSITY	(0.71 - 0.80) dL/gm
CIE (L, a, b)* COLOR <sup>†</sup>	3.0 MAX. "b*" value 50.0 <u>MIN</u> "L*" value -1.00 ± 1.0 "a*" value
FINES	0.4% MAX.
FLAKE pH	7.00 ± 0.5
VOLATILES	< 1 ppm
MOISTURE CONTENT	1% MAX.
BULK DENSITY	23-33 lbs/ ft <sup>3</sup>
FLOATABLE CONTAMINATION	< 50 ppm
PVC CONTAMINATION	< 50 ppm
GLUE CONTAMINATION	< .005 % Residue
PETG CONTAMINATION	< 50 ppm
METAL CONTAMINATION	< 5 ppm
OTHER - NON MELTING	< 50 ppm
GREEN PET CONTAMINATION	< 1000 ppm
Other Color Flake (not incl light blue)	< 10 ppm

<sup>†</sup> 1976 CIE L,a,b – CIE 1931 10° Observer angle – D65 Illuminant Reflectance method.

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