

TekniMD® PX film

TekniMD® PX medical film is suitable for #1 PET stream recycling

PX film meets stringent performance attributes for thermoformable medical device packaging applications and can be recycled in the #1 waste stream.



OVERVIEW

TekniMD® PX film¹ has been evaluated by an independent third-party laboratory² to determine its suitability for recycling³ in the #1 polyethylene terephthalate (PET) waste stream. (Common items found in #1 are soft drink, food and other container types.) No. 1 plastics are collected and recycled by most municipalities. The high-demand material is processed into rPET and used to create next generation products such as bottles and jars.

The findings confirmed, **“PX film would not be expected to present any mechanical issue for recyclers based upon results of the study.”**

Test methodology is available upon request. The key findings include:

- PX film **did not yellow** after three melt heat histories. (Yellowing is a major concern when processing recycled flake or pellet because of its visual impact on next generation containers.)
- Haze levels of the PX film blends are considered **fairly low compared to typical haze** levels of processed recycle flake.
- PX film can be **recycled in the #1 stream** without presenting any mechanical issues for recyclers.



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TekniMD® PX is a high-performance, thermoformable, proprietary copolyester film (not APET). PX film is a direct replacement for PETG. No tooling modifications are needed, enabling customers to qualify and use both materials interchangeably on the same tooling.



For additional information, please visit:
tekni-plex.com/healthcare