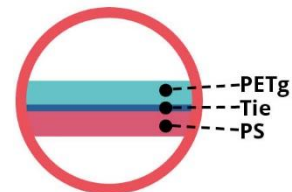# cobelPlast
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Datasheet A50 – PS.PETg

The A50 is a medium barrier multilayer PS.PETg sheet, suitable for all range of products that requires good resistance to fat containing products. The sheet has excellent machinability on standard thermoforming equipment designed for PS use. Multiple top and bottom heating is required with an adjusted cutting tool.

General

Composition	PS.PETg
Colour	Transparent or coloured
Thickness range	250 - 800 µm
Width	80 - 1200 mm

Physical

Specific weight	1.06 – 1.09 g/cm³

Thermal

Dimensional stability	< 20% (30min @ 130 °C)
Thermoforming range	140 °C ± 10 °C

Barrier

OTR (20 °C – 65%RH)	max 87 cc/m².24h.atm
MVTR (38 °C – 90%RH)	max 5.3 g/m².24h

* Values for a 0.5 mm sheet with 15% PETg.

Features

♦ Stress crack resistant to alcohols and a variety of oils
♦ Excellent organoleptic properties
♦ Permanent or easy peel seal against aluminium or plastic lidding material
♦ Portion packs for margarine, butter, chocolate spread, jam

Storage conditions and expected product shelf life: it is recommended to store the reels in the original packaging at [10-35]°C – max 65% RH and protected from sunlight to guarantee a product life of 12 months

Sheets are manufactured under industrial accepted standards for cGMP. Sheet is composed with components in compliance with EU regulations. Cobelplast is certified ISO 9001:2015, ISO 14001:2015 & BRC/IoP v6

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