

Technical Data Sheet

Rollstock

MLPS

Structure	Multi layer HIPS extruded sheet made off HIPS as a main layer of the sheet & EVOH as an inner oxygen barrier layer.
Properties	High barrier properties of gases, aromas and moisture. Fast and easy thermoforming on standard machines. Excellent sealability to lidding foil.
Specific gravity	1.01–1.05 gr/cm ³
Vicat softening temperature (ISO 306)	96-103°C (depends on the GPPS/HIPS ratio)
HDT (0.45MPa ISO 75)	86-93°C (depends on the amount of HIPS)
Permeability*	Applicable to 1.1mm sheet thickness (EVOH layer = 24µm).
OTR	(20°C/0% R.H.) = 0.6 gr./m ² /24h/1Bar
WVTR	(38°C/90% R.H.) = 10 gr./m ² /24h/1Bar
Food contact approval	In compliance with the EU 10/2011, Israel standard 5113, CFR 21 USA-FDA
Availability	Thickness: 0.3 ÷ 1.8 mm Width: Up to 1250 mm Maximum OD: 1100 mm (depending on width) Core ID: 3" (76mm), 6" (152mm) or 8" (203mm) Can be supplied in a wide variety of suitable applications such as: Pasteurization (upon request), Freezing (upon request), Fresh, M.A.P Available in a variety of colors: Opaque, Translucent, Transparent, Dual-colored
Storage conditions	Max. 6 months In close and clean area, at max. temperature of 40°C.
And shelf life	If stored at low temp. (below 0°C) the material should be Tempered min. 12 hours to reach room temperature.

* The given tech. data are Typical values only.

* It is the customer responsibility to check the suitability of the product to his production process.