



TECHNICAL DATA SHEET

GREEN LINE PET-G SHEETS

TECHNICAL SPESIFICATIONS

Specifications	Value	Test Method
Density (g/cm ³)	1,28	ISO 1183
Water Absorption at 23°C (%)	0,2	ISO 62
Tensile Modulus (Mpa)	> 2000	ISO 527
Tensile Strenght at break (Mpa)	> 25	ISO 527
Elongation At Break (%)	> 35	ISO 527
Refractive Index	1,57	ISO 489
Max. Service Temperatures °C	< 65	-
Charpy Impact Resistance Unnotched (Kj/m ²)	No Break	ISO 179
Vicat Softening Temperature °C	< 75	ISO 306
Recycle Material Usage	> 60	%

PRODUCT FEATURES

Specifications	Value	Test Method
Thermal Conductivity (W/mK)	0,2	ASTM C177
Coefficient of Linear Thermal Expansion (mm/m °C)	0,07	DIN 53483
Light Transmission % (2mm Clear)	≥ 88	ASTM D 1003*
Haze % (Clear)	< 2	ASTM D 1003*

*These values are mesured with BYK Gardner Haze-Gard Meter by ISIK Quality Laboratory.

DIMENSIONS

Thickness	1-10 mm
Width**	1220 and 2050 mm
Length**	2440 and 3050 mm

** Depends on customer request

OPTICAL QUALITY

Due to high amount of receyled materials, **GREEN LINE PET-G SHEET** does not match POLICAM PET-G BLACK SPECS standart regarding to surface quality. Please ask Işık Plastik for detailed information and classifications.

FIRE PERFORMANCE

- Class B-s1,d0 according to EN ISO 13501 (2mm ≥ ; ≤ 8mm)

RECYCLABLE PACKAGING

- **GREEN LINE PET-G SHEET** is packed with recyclable packaging materials.
- Both surfaces of **GREEN LINE PET-G SHEET** is masked with 100% recyclable PE protection film.

SUSTAINABILITY

- **GREEN LINE PET-G SHEET** is environmental friendly.
- **GREEN LINE PET-G SHEET** is a thermoplastic material. Thermoplastic materials can be regrind, recycled and reused. In this sense, thermoplastic polymers are key materials for sustainability.
- The outstanding chemical stability and long-term resistance to aging and weathering of **GREEN LINE PET-G SHEET** often ensures a long service time.