PETG also known as GPET, is made of non-crystallized PET resin modified by cyclohexanediol. It is a non-crystallized Copolyester, being different from PET and PCT in performance. Along with the increase of CHDM in copolymer, the melting point decreases, the temperature required for the transformation into glass increases and the crystallinity decreases, eventually forming the amorphous polymer. The CHDM content in general PETG shall be between 30% and 40%.

PETG panels have an extraordinary property for machine-shaping, capable of sustaining saw cutting, die cutting, borehole, punching, shearing, riveting, edge milling and cold-bending, being unlikely broken and can be designed into any shapes according to the designer's intention. It fully satisfies the common requirements of processing manufacturer and customers with its excellent performances for users. Due to its property of UV protection, the panels could be widely used for indoor & outdoor signs, displaying at stalls, shelves, outdoor installation, kiosks, machine protection board for industry, game machine panels, vending machine panels etc.
The Eatger is the only manufacturer which could produce PETG panels above 6mm in China.

The Eatger’s PETG panels have superior optical property (high light transmittance, high smoothness and low halation), prominent toughness and impact resistance. Impact resistance of it is 3 to 10 times as strong as that of the modified polycarbonate. Meanwhile, it has excellent molding performance, doesn’t turn white under cold bending, absence of cracks, clean and can be printed on or modified. Besides, it can also be shaped and molded into various types of packaging materials for electronic products. It is a degradable plastics, which contains carbon, hydrogen and oxygen, same elements found in paper. Therefore, the disposed packaging materials will eventually become water and carbon dioxide. It is resistant to multiple chemicals and frequently used detergents and the ingredients are all environmental friendly, passing FDA certification and meeting the requirements for contact as food. Therefore, PETG sheets are not only a highly transparent engineering plastics but is a new generation of environment friendly plastics as well.
EATGER

HIGH GLOSSY PETG DECORATIVE MEMBRANE

PETG 高光聚酯装饰膜

艺特佳PETG高光面贴膜采用韩国SK进口PETG原料生产，具有环保华丽高光耐磨的特点，不会挥发苯，甲醛，二噁英等有害气体，适用于高档家具和橱柜。

PETG高光膜产品的特性是高分子材料，是由乙二醇（EG）经过缩聚而成的一种非晶型共聚聚酯。产品已通过了美国FDA关于食品安全标准，环保型材料，属可降解性树脂。

Eatger's high glossy PETG film adopt SK raw material from Korea, has features of environmental, gorgeous, high brightness, wear-resisting. It can not volatilize the harmful substance such as formaldehyde and dioxin. High glossy PETG film has pass the certification of American FDA food contact, are widely used in high grade furniture and cabinet.

The product feature of High glossy PETG film is high polymer material. It's a kind of non-crystal form PETG, has pass the food safety standards of USA FDA. It's an environment-friendly material and degradable resin.

主要用途装饰板材、金属、玻璃、铝型材等建筑材料的表面，广泛运用于高档家具、家电、橱柜、衣柜、门、吊顶、室内外墙体装饰、电梯箱体等行业，成为家居、星级酒店、甲级写字楼、豪华游艇以及其他高档消费、购物、娱乐场所等装饰的流行新宠。

Mainly used for the surface of decorating materials, metal, glass, aluminum and building material, etc. Widely applied for high-grade furniture, household appliances, ambery, chest, door, conhole top, interior wall decoration, elevator car body, etc. Become household, star-level hotels and A-grade luxurious houseboat and other high-end consumption, shopping, entertainment, etc. popular decoration to be bestowed favor on newly.
1. 具有高透明度（HAZE ≤ 1）、高亮度，耐化学性优秀。
2. 塑性佳，弯曲时不发白，无开裂现象。
3. 表面硬度高，耐刮擦性非常优秀。
4. 加工性能佳，耐火性佳，燃烧时无有害物质产生（如甲醒，二氧苯等）。
5. 软化点（Vicat Softening Temperature）为83℃，较PVC（63℃）高，因此热稳定性较高，加工温度基本不受季节性变化。
6. 高雅的色彩感，PETG高光膜具有色彩饱和浓艳，自然亮丽的特点，色泽花纹多样，是理想家居、工艺制品。酒店商场的新颖环保材料。
7. 卓越的产品稳定性，具有不变形，防潮，不氧化，不脱皮，无散发气味。经久耐用等的优良品质，是装饰市场的新起之星。

高端科技 / 卓越性能 / 绿色环保 / 低碳节能
High Technology / Excellent Function / Green Environment / Low Carbon Energy Saving

1. High glossy PETG film has high transparency (HAZE ≤ 1), high brightness and excellent chemical resistance.
2. Good toughness, no white when bending and no dehiscence.
3. High surface hardness and good scratch resistance.
4. Nice processability, fire resistance, no harmful substance when burning (such as formaldehyde and dioxin etc.).
5. The softening point is 83℃ is higher than PVC (63℃). So the heat stability is better and the processing temperature can not be controlled by seasonal variation.
6. Elegant color scene
High glossy PETG film has the feature of color saturation gaudy, natural bright and color decorative pattern varied. It's the environmental protection material of ideal home decoration, crafts products and hotel market.
7. Distinguished stability
Has not deformation, moistureproof, no oxidation, not orange, no smell durability and high quality, is the a new star of decoration market.