

<b>PLASTAR<sup>®</sup></b>	PRODUCT	APET Solid Sheet / Roll
	GRADE	APET-TR

Plasticizer or stabilizer is not required when producing, safe and no harm to the human body.

Properties	Test method	Condotion	Unit	Value
PHYSICAL PROPERTIES				
Specific gravity	ASTM D792	Natural	—	1.33
OPTICAL PROPERTIES				
Light Transmittance	ASTM D1003	—	%	90
HAZE	ASTM D1003	—	%	1
MECHANICAL PROPERTIES				
Tensile strength	ASTM D638	50mm/min	Mpa	64
Tensile strain	ASTM D638	50mm/min	%	4.2
Flexural strength	ASTM D790	2.8mm/min	Mpa	78
Flexural Modulus	ASTM D790	2.8mm/min	Mpa	2500
Izod impact strength	ASTM D256	—	J/m	66
Rockwell hardness	ASTM D785	—	R Scale	116
THERMAL PROPERTIES				
Heat deflection temperature	ASTM D648	0.45Mpa	℃	69
Vicat softening Temperature	ISO 306	B/50	℃	70

<b>Application</b>		
	Poster clear cover	Clear clamshell packaging