

PRODUCT DESCRIPTION - DATA SHEET**Key Benefits:**

- Smooth surface
- Easy to welding
- Excellent hydrolysis resistance
- Suitable for high and low temperature

Property	Test Method	Unit	Value
Hardness	ASTM D2240	Shore A	85
Thickness	ASTM D3767	mm	0.205
Specific Gravity	ASTM D792	g/cm ³	1.20
Colour	Visual Inspection	/	Foggy
Tensile Strength	ASTM D412/Die C	MPa	CD: 64.56 MD: 67.36
100%MOD	ASTM D412/Die C	MPa	CD: 5.16 MD: 4.79
300%MOD	ASTM D412/Die C	MPa	CD: 9.68 MD: 11.43
Elongation at Break	ASTM D412/Die C	%	CD: 813 MD: 798
Tear Strength *1	ASTM D624	KN/m	CD: 100.30 MD: 94.13
Melting Point	DSC	°C	165
Dyne Value	Dyne Test Pen	dyn/cm	34
UV Light Discoloration	ASTM D1148	Grade	3.5

*1 The die used for tear strength is a right angle die.

Notes

- The above data are provided by the technical department, just for reference only. Please do not regard it as a guarantee or basis. It is suggested that enterprises should test before processing, then formally put into production in large quantities if up to the standard.
- TPU film should be stored in a dry and well-ventilated indoor environment, it should be used or sealed as soon as possible if the film opened.
- Please contact our technical department if any problems during the use of the product: info@shadowline.com.tr

CONTACT US:

Shadowline Polimer / Atatürk Mahallesi Erzincan Sokak No:19 34758 Ataşehir, İstanbul/Türkiye
T: + 90 216 575 1162 | F: + 90 216 577 2549 | info@shadowline.com.tr

