

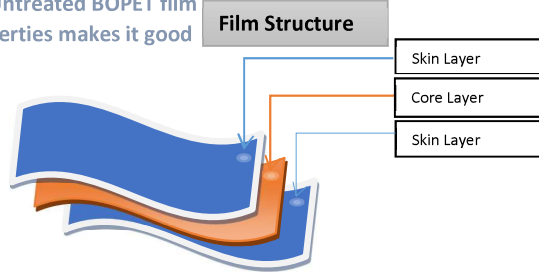
Technical Data Sheet – D-ISU

Product Description – D-ISU is transparent, both side Untreated BOPET film having Isotropic properties. Balanced mechanical properties makes it good choice for lidding application.

Applications – Specially designed for lidding and label application. Suitable for printing, lamination, metallization and other general purpose applications.

Salient Features –

- Good Clarity
- Excellent Machinability
- Excellent mechanical and thermal properties
- Isotropic properties



Typical Technical Details - D- ISU

Properties	Test Method	Unit	Values
Physical			
Thickness	ASTM D374	Micron	8 10 12 15 19 23 30 36
Density	-	Gm/cc	1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4
Grammage	-	Gms	11.2 14 16.8 21 26.6 32.2 42 50.4
Yield	-	M ² /Kg	89.3 71.4 59.5 47.6 37.5 31 23.8 19.8
Optical			
Haze	ASTM D-1003	%	3.0 3.5 3.5 3.5 4.0 4.0 4.5 4.5
Transmittance		%	89 89 89 89 89 89 89 89
Mechanical			
Tensile Strength	MD	ASTM D-882	Kg/cm ²
	TD		Kg/cm ²
Elongation	MD	ASTM D-882	%
	TD		%
Coefficient of friction	St.	ASTM D1894	-
	Dy.		-
Thermal			
Shrinkage 150°C/30 Min.	MD	ASTM D1204	%
	TD		%
Surface			
Wetting Tension	Untreated	ASTM D2578	Dyne/cm
Isotropic			
Ration of TS.	+45°/-45°	Internal	-

Storage and Handling: D-ISU needs to be stored in a closed warehouse below 35°C temperature and should not be exposed to direct sunlight, light sources and humidity. If the material is stored in the recommended conditions, it is suitable for use within 10 months from the date of shipment. Although it is a tough film, any kind of external pressure or shock can damage the film roll. Therefore, it is recommended to move the film roll with the help of proper equipment only.

Food Grade Compliance:

Dhunseri BOPET Films complies with EU and FDA regulations on plastic materials used for food grade applications. Any other documents and MSDS are available on demand.

Disclaimer: The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values given in this data sheet are based on experience and machine specification. However, we expect that actual values will be very similar to the given values. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. Dhunseri Poly Films Private Limited suggests the customer to confirm these values and product compatibility prior to their use. Dhunseri Poly Films provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheet. Dhunseri Poly Films reserves the right to change the technical data sheet at any time without prior notice.

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