



Kuber
polyfilms

TECHNICAL DATA SHEET (TDS)

DESCRIPTION	TEST METHOD	SIZE:-	
		250 MICRON NATURAL	375 MICRON NATURAL
THICKNESS (± 5%)	ASTM D374	250	375
STANDARD GSM (± 5%)	ASTM D374	230	345
DENSITY	ASTM D1505	0.92	0.92
TREATMENT (DYNES) (Inner side)	IN HOUSE METHOD	42	42
DART	ASTM D1709	3000 GRAM	4500 GRAM
COF (INNER SIDE)	ASTM D2578	0.20	0.20
COF (OUTER SIDE)	ASTM D1894	0.28	0.28
MELTING POINT	ASTM D3418	140°c	140°c
SEALING TEMPERATURE	IN HOUSE METHOD	140°c	140°c
SEALING STRENGTH	ASTM D882	213% LW:7.63	219% LW:8.39
ELONGNATION AT BREAK (MD)	ASTM D882	350% LW:6.23	350% LW:7.87
ELONGNATION AT BREAK (TD)	ASTM D882	350% LW:5.71	350% LW:7.32
OPACITY	ASTM D1003	-	-
GLOSS (60°)	ASTM D523	≥80	≥80
TRANSMITTANCE	ASTM D1003	80%	80%
HAZE	ASTM D1003	≤5%	≤5%
UV STABILITY	IN HOUSE METHOD	NA	NA
WATER VAPOUR TRANSMISSION RATE (WVTR)	ASTM E96	≤0.35g/m ² /day	≤0.35g/m ² /day
OXYGEN TRANSMISSION RATE (OTR)	ASTM D3985	≤8cm ³ /m ² /day @23°c	≤8cm ³ /m ² /day @23°c
APPLICATION	-	CONSTRUCTION PE FILM	CONSTRUCTION PE FILM
FOOD GRADE	-	yes	yes
RECYCLABLE	-	yes	yes