



Jl. Jababeka IV SFB Blok T-1A
Cikarang Industrial Estate
Bekasi, Indonesia

CERTIFICATE OF ANALYSIS
(STRETCH FILMS FOR PACKAGING)

Doc No FM-QC-010
Issue Date 12-Aug-19
Rev No 00

Date: : 12-Dec-24
Customer name : KJOSAVIK AS
Products Code : FG-EHBCL04500300170C2EKJ
Product Type : Polyethylene films for packaging (Stretch films)
Grade : Hand Grade 450 mm x 300 m x 17 um
Lot No: : 12122429
Certificate No : TPI/12/1/43471946 SO-24-L019

Dimension, Physical Properties & others

No	Item	Standard	Result	Method
1	Thickness (+/-1um)	16 - 18	17	Dial gauge
2	Width (+/-5mm)	445 - 455	450	Steel measure
3	Length (+/-5m)	295 - 305	302	Machine Counter
4	Tensile strength (MPa)	(MD) 35-38	36.8	ASTM D 882
		(TD) 12-15	13.6	
5	Elongation at break (%)	(MD) 330-350	340	
		(TD) 500-550	530	
6	Dart Impact (gram)	70-90	90	ASTM D 1709
7	Tear Resistance (mN)	(MD) 500-800	682	ASTM D 1922
		(TD) 3300-3600	3425	
8	Peel cling (mN)	10 (± 10%)	10.2	ASTM D 5458
9	Guarantee stretch %	> 150	150	HSTM
10	Force at Quality Test (Kg)	22-23	22.87	

Date : January 15, 2025

PT TEKPAK Indonesia


QA/TS


Plant Manager