

AKSAD GROUP PETROCHEM

520J

Description

520J has been developed for coextrusion lines with a very high output and linear speed. The product allows an outstanding extrusion stability and thickness variation control especially on cascade lines the product provides also very high drawability and readiness to a two way orientation.

BOPP films produce with 5u50J feature good mechanical properties high impact strength and puncture resistance even at low temperatures. The films from an excellent barrier against moisture.

Odours, oils, fats and oxidation and feature high transparency high gloss and goods printability after corona treatment.

Application

Coextruded film with thickness of 20 to 40 µm is used for the automatic packaging of bakery products snacks and pasta as well as for the overwrapping of boxes and citrate packets.

Properties	Value	Unit	Method	Tolerance
Melt flow rate(230°C,2.16 kg)	3.1	gr/10 min	ASTM D 1238	(+/-)0.3
Vicat softening point(9.8 N)	156	C	ASTM D 1225	-8
H.D.T.(0.46 Mpa)	94	C	ASTM D 648	(+/-)8
Flexural modulus	1550	Mpa	ASTM D 790	(+/-)150
Tensile@strength@Yild	35	Mpa	ASTM D 638	(+/-)4
Elongation@Yild	12	%	ASTM D 638	-2
Izod impact strength(notched)@23C	55	J/m	ASTM D 256	(+/-)5
Rockwell hardness (R-B Scale)	102	R-B	ASTM D 785	+15

*Val use shown are average and are not to be considered as exact product specifications.

* All specimens are prepared by injection molding.