



Tabriz Petrochemical Co./ IRAN
Booklet of Products Specifications

**LINEAR LOW DENSITY POLYETHYLENE
LL0220 KJ**

PRIMARY ITEMS

PROPERTY	UNIT	TEST METHOD	ACCEPTANCE CRITERIA
MFI(190°C&2.16KG)	GR/10MIN	ASTM D-1238	2-2.5
DENSITY	GR/CM3	ASTM D-1505	0.919-0.923
CONTAMINATION	NO.	BP137	≤4 DEFECTS IN 200GR OF PELLETS

SECONDARY ITEMS

PROPERTY	UNIT	TEST METHOD	NORMAL * VALUES
VICAT S.POINT(1KG)	°C	ASTM D-1525	MIN100
TENSILE STR. @YEILD(MD)	MPA	ASTM D-882	MIN 10
TENSILE STR. @YEILD(TD)	MPA	ASTM D-882	MIN 11
ELONGATION @BREAK(MD)	%	ASTM D-882	MIN 1000
ELONGATION @BREAK(TD)	%	ASTM D-882	MIN 1100
BALL DROP(DART METHOD)	GR	ASTM D-1709(A)	MIN 90
TENSILE STR. @BREAK(MD)	MPA	ASTM D-882	MIN 30
TENSILE STR. @BREAK(TD)	MPA	ASTM D-882	MIN 25
WHITNESS INDEX	-	BP METHOD	MIN 48
GLOSS(45°HEAD)	-	ASTM D-2457	MIN 30

*ALL RESULTS HAVE BEEN OBTAINED BASED ON "BLOWN FILM" WITH 38 MICRONS THICK.

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