Producer	Applications
Tabriz Petrochemical Company	green house film, silage film, hand bags and general-purpose film applications.

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
MELT FLOW INDEX (190°C 2.16KG)	g/10min	0.9	ASTM D-1238
MELT FLOW INDEX ((UNDER LOAD 21.6KG/2.16KG)	g/10min	29-30	ASTM D-1238
DENSITY	gr/cm3	0.919	ASTM D-1505
VICAT SOFTENING POINT(120°C/hr 1kg)	°C	105	ASTM D-1525
DART DROP IMPACT	gr	140	ASTM D-1709
TENSILE STRESS AT YEILD (MD/TD)	MPa	10/11	ASTM D-882
TENSILE STRESS AT BREAK (MD/TD)	MPa	41/32	ASTM D-882
ELMENDORF TEAR STRENGTH (MD/TD)	gr/25µ	145/370	ASTM D1922
1%SECANT MODULUS (MD/TD)	MPa	195/205	ASTM D-882
ELONGATION AT YEILD (MD/TD)	%	11/10	ASTM D-882
ELONGATION AT BREAK (MD/TD)	%	620/840	ASTM D-882
WHITENESS INDEX	-	50	ASTM E-313
HAZE	%	12	ASTM D-1003
GLOSS (45°)	-	35	ASTM D-2457