



SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
Info@shobeirshimi.com

AMIR KABIR PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE EX3 (GM 5010 T2N)

EX3 (GM 5010 T2N) is a natural colored high density polyethylene with Butene-1 as comonomer. The product is classified as PE100 and shows good stress crack resistance properties (ESCR) combined with good impact strength.

Producer	Characteristic Properties	Applications	Additive
JAM ARAK AMIRKABIR		Packaging Film, Shopping Bags, General Lamination Films, Heavy Duty Packaging Film, Industrial Sacks, Liners, Shrink Hoods	Antioxidant: Yes Antiblock: No Slip Agent: No

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
1 MFR(190°C/5Kg)	g/10min	0.45±0.05	ISO 1133
2 MFR(190 C/21.6Kg)	g/10min	12 ± 0.3	ISO 1183 (A)
FRR21.6/5	-	28 ± 4	ASTM D4272
Density	g/cm ³	0.945±0.002	ISO 6383-2
Notched Impact Strength	mj/mm	> 12	ISO 6383-2
Pipe Evaluation Hydrostatic Strength	Hours	1000 min.	ISO 527-1,3