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ARAK PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE EX3 (GM5010T2N)

EX3 (M5010T2N) is high molecular weight, high density polyethylene copolymers, developed as general purpose resin for use in pressure and non-pressure pipes

Producer	Characteristic Properties	Applications
JAM, ARAK, AMIRKABIR, MARUN	offer excellent chemical resistance and environmental stress crack resistance.	suitable for use in transport of a wide range of fluids for industrial, rural and mining applications.

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
MFI@190° C, 5Kg	g/10min	0.55	53735
Density	gr/cm3	0.944	53479
Volatiles	%Wt	0.2	BP138
Impact Strength(Charpy Index)	mj/mm2	22	53453
Resistance to internal pressure	hr	170 min	8074