Arak Petrochemical Company

Polyethylene
EX3B (GM 5010T2) (Pipe Extrusion)

Typical Properties	Test Method DIN	Unit	Value
MFI@ 190°C,5Kg	53735	gr/10min	0.55
Carbon Content	ASTM D4218	%	2
Density	53479	gr/cm^3	0.953
Volatiles	BP138	%Wt	Max 0.3
Impact Strength(Charpy Index)	53453	mj/mm^2	Min 8
Viscosity No.	53728	gr/cm^3	280 min.
Resistance to internal pressure (80 ºC /4N/ mm^2)	8074	Hr.	170 min.

➢ Values shown are averages & are not to be considered as product specifications.

ISO 9001: 2000
Certificate No. : 88023-2

ISO 14001: 1996
Certificate No. : CH02/203112

OHSAS 18001
Certificate No. : IBE 01005

Main Applications:

EX3B (GM 5010T2) is a black, high molecular weight high density polyethylene copolymer, developed as a general purpose resin for use in pressure & non-pressure pipes. A minimum service life of 50 years is achievable under appropriate pressure & temperature conditions. EX3B (GM 5010T2) offers excellent chemical resistance & environment stress crack resistance and will provide excellent resistance to the effects of ultra-violet light exposure in outdoor applications.

EX3B (GM 5010T2) is suitable for extrusion into a full range of pipe & fitting sizes, where high density, resins are required.

EX3B (GM 5010T2) is suitable for use in the transport of a wide range of fluids for industrial, rural & mining applications, including potable water. Suitability for use in any application should be determined by appropriate performance testing.

* EX3B (GM 5010T2) is suitable for food contact.

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