

AKSAD GROUP PETROCHEM

EX3

Application

EX3 (M5010T2N) is high molecular weight, high density polyethylene copolymers, developed as general purpose resin for use in pressure and non-pressure pipes. A minimum service life of 50 years is achievable under appropriate pressure and temperature conditions.

EX3 (GM5010T2N) offer excellent chemical resistance and environmental stress crack resistance. EX3 (GM5010T2N) is suitable for extrusion into a full range of pipe and fittings sizes, where high density resins are required.

EX3 (GM5010T2N) is suitable for use in transport of a wide range of fluids for industrial, rural and mining applications. Suitability for use in any application should be determined by appropriate performance testing.

EX3 (GM5010T2N) is suitable for food contact.

Properties	Value	Unit	Method
MFI@190° C, 5Kg	0.5	gr/10min	53735
Density	0.944	gr/cm3	53479
Volatiles	0.2	%Wt	BP138
Impact Strength(Charpy Index)	22	mj/mm2	53453
Resistance to internal pressure (80° C/4N/mm2)	170 min	hr	8074