

High Density Polyethylene EX3 (GM5010T2N) (Pipe Extrusion)

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 5 kg	53735	gr/10min	0.5
Density	53479	gr/cm ³	0.944
Volatiles	BP138	%Wt	0.2
Impact Strength(Charpy Index)	53453	mj/mm ²	22
Resistance to internal pressure (80°C/4N/mm ²)	8074	hr	170min

^{3/4} Values shown are averages & are not to be considered as product specifications.

Main application & Characteristics

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.