



ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

High Density Polyethylene

EX3

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Typical properties	Test method (DIN)	Unit	Value
MFI@190°C, 5Kg	53735	gr/10min	0.50
Density	53479	gr/cm ³	0.944
Impact Strength(Charpy Index)	53453	mj/mm ²	22
Resistance to internal pressure (80°C,4N/mm ²)	8074	hr	≥170

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

❖ Main application & Characteristics:

EX3 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 offer excellent chemical resistance and environmental stress crack resistance.

EX3 is suitable for extrusion into a full range of pipe and fittings sizes, where high density resins are required.

EX3 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 is suitable for food contact.