



## HDPE EX3

### High Density Polyethylene (HDPE)

#### Product Description

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.

#### Applications

- 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.

TYPICAL PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD
MFI@190°C, 5KG	gr/10min	0.50	53735
DENSITY	gr/cm3	0.944	53479
IMPACT STRENGTH(CHARPY INDEX)	mj/mm2	22	53453
RESISTANCE TO INTERNAL PRESSURE	hr	≥170	8074

Producer: Arak Petrochemical Co.  
Licensor: Basell

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