

Producer: NPC / Iran

## EX 3

### Product Description:

**EX 3** is high density polyethylene with high molar mass, specially developed for the manufacturing of extruded pipes. It is produced with bimodal technology, having excellent mechanical properties, besides an excellent resistance to stress cracking.

### Applications:

**EX3** is well suitable for producing of pressure pipes e.g. Drinking water distribution pipes, gas pipe, discharge pipes, sewer pipes, for injection molding and other fittings, as well as sheets.

### Specification:

PROPERTY	UNIT	VALUE	TEST METHOD
MFR ( 190/5kg. )	g/10 min	0.45±0.05	ISO 1133
MFR ( 190/21.6kg. )	g/10 min	12±3	ISO 1133
Density	gr/cm <sup>3</sup>	0.945±0.002	ISO 1183
Notched impact strength@23 °C	kJ/m <sup>2</sup>	12 min	ISO 1791eA
( 80 °C/4N/mm <sup>2</sup> )	hours	1000 min	DIN 8075

The above data are typical laboratory average. They are intended to save as guides only.

### Recommended Processing Conditions :

**EX3** can be processed in most types of blown film equipments.

Temperature Setting :	° C
Cylinder	180 to 200
Screen	210
Adaptor	210
Die	200

### Packaging :

This product is packed in 25 kg paper bags.