

## Technical Datasheet

### 526F1BX

#### 1) Product Description:

526F1BX is a HDPE copolymer suitable for production of blow molded containers with capacity up to 30 liter. This grade is well suited for applications requiring good processability, physical properties and resistance to environmental stress cracking. 526F1BX is suitable for production of general purpose blown film and blending.

#### 2) Additives:

- ✓ Grade under final development, to be industrialised.

#### 3) Applications:

- ✓ Blow molding
- ✓ Containers with capacity up to 30 liter

#### 4) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Index (190°C/2.16 kg)	D 1238	g/10min	0.12
Melt Index (190°C/5.0 kg)	D 1238	g/10min	0.55
Density	D1505	g/ml	0.952
Tensile strength at yield	D 638	MPa	27.5
Tensile strength at break	D 638	MPa	34
Elongation at break	D 638	%	>850
Flexural modulus	D 790	MPa	1230
Vicat Softening point	D 1525	°C	126
Notched Izod Impact at 23°C	D 256/A	KJ/m <sup>2</sup>	250
Shore D	D 2240		65
Top Load	290		N
ESCR	100		h
Impact Resistance	13		No.

Address: No. 3, 12th Floor, A Block, Babak Plaza Building, Babak Ave, Baku, Azerbaijan.

Tel: +994 124880752 | Email: [mr.info@mrchemicalaz.com](mailto:mr.info@mrchemicalaz.com) | [www.mrchemicalaz.com](http://www.mrchemicalaz.com)