



# TABRIZ PETROCHEMICAL COMPANY

## Polymer Products Typical Specifications & Applications

### High Density Polyethylene (HDPE)

Type	Grade	(MFI) (gr/10min) (190°C / 2.16 kg)	Density (gr / Cm <sup>3</sup> )	Typical Application
HDPE	3840UA	4	0.938	Rotational Molding , Larg Containers, Septic Tanks
HDPE	4005EA	0.5	0.940	Steel Pipe Coating
HDPE	4440EA	4	0.944	Base Resin used for Crosslinked Polyethylene Pipes
HDPE	5030SA	2.2	0.950	Caps & Closures with Torque free property
HDPE	5218EA	18	0.952	Thin Walled Containers, Toys ,Outdoor Home Utensils
HDPE	6040UA	3.7	0.960	Large Dustbins and Pails , Pallets ,Containers
HDPE	6070UA	7	0.960	Crates, Boxes, Seats

### Linear Low Density Polyethylene (LLDPE)

Type	Grade	(MFI) (gr/10min) (190°C / 2.16 kg)	Density (gr / Cm <sup>3</sup> )	Typical Application
LLDPE	0205AA	0.5	0.920	Heavy Duty Plastic Bags , Hand Bags
LLDPE	0209AA	0.9	0.921	Carrier and Garbage Bags,Blown Film
LLDPE	0220AA	2.4	0.921	Stretch Film with Good Optical Properties,Cast Film
LLDPE	0410AA	0.8	0.926	Thin Film with Higher Stiffness
LLDPE	0640AA	4	0.930	High Clarity Film with Good Stiffness

#### Grade Suffixes(additives indication):

**UA:GENERAL ANTIOXIDANT AND LIGHT STABLISER**

**EA:GENERAL ANTIOXIDANT**

**SA:GENERAL ANTIOXIDANT AND SLIP AGENT**

**AA:GENERAL ANTIOXIDANT**

**KJ:GENERAL ANTIOXIDANT WITH SLIP**

**AGENT/ANTIBLOCKING AGENTS**

Address: 10th Street, Qaem Maqam-e-Farahani,  
No. 20, Tehran, IRAN

Tel&Fax: +98 21 887 37620 - 887 37697

www.tpco.ir

Email: sales@tpco.ir