



SOCAR POLYMER

Polyethylene product portfolio

BAKU
2019



ABOUT US

SOCAR Polymer was founded on July 16, 2013 in order to reinforce the development of the chemical industry of the country. The company's production facilities consist of the Polypropylene (PP) and High-Density Polyethylene (HDPE) plants located within the territory of the Sumgait Chemical Industrial Park (SCIP).



With 184 and 120 KTA of design production capacity, the PP and HDPE plants started operations in July 2018 and in February 2019, respectively.



OUR VISION, MISSION & GOALS

VISION

- The Polypropylene (184 KTA) and High Density Polyethylene (120 KTA) plants of the SOCAR Polymer company will be the first of their kind in Azerbaijan, enabling the country to grow its petrochemical industry through development of production for this segment of the plastics market.

MISSION

- To be an industry leader in the region and reinforce the development of the country's chemical industry
- To run a safe, high-quality petrochemical business that adds value to our customers and makes a vital contribution to the economic prosperity of Azerbaijan
- To build up its competitive advantages and support the creation of sustainable competitive businesses in the region farther down the production chain

STRATEGY

- **Tools:** Implementation of best-in-class digital systems to enable competitive advantage
- **Process:** Application of internationally recognized standards and processes to become an industry leader
- **People:** Sustaining a highly competent and strategically-aligned staff/personnel to run a competitive business



SOCAR POLYMER HDPE PORTFOLIO

SOCAR Polymer offers a range of HDPE/MDPE grades with a wide range of applications in the areas of flexible and rigid packaging, and industrial and consumer products.



PE FOR EXTRUSION BLOW MOLDING AND INJECTION MOLDING

Market segment	Grade name	Type of polymer	MFR, g/10 min (190°C)	Density, g/cm ³	MWD	Notes
Rigid Packaging	HD 0455 BM	HDPE	0.35 (2.16 kg)	0.955	Broad	Small EBM – Chromium
	HD 0358 BM	HDPE	0.30 (2.16 kg)	0.958	Bimodal	Small EBM – Ziegler, high swell op-tion
	HD 0853 MO	HDPE	0.8 (2.16 kg)	0.953	Bimodal	Injection Molding – Caps & Closures
	HH 0961 MO	HDPE	8.5 (2.16 kg)	0.961	Narrow	Injection Molding – Crates & Bins
	HH 2053 MO	HDPE	20 (2.16 kg)	0.953	Narrow	Injection Molding – High flowability
Industrial Packaging	HL 1052 BM	HDPE	10 (HLMI - 21.6 kg)	0.952	Broad	Medium & Large EBM – up to 60 L
	HL 0650 BM	HDPE	6.0 (HLMI - 21.6 kg)	0.950	Broad	Very large EBM – 1500 L

Test methods:

Melt Flow Rate (MFR at 190°C/2.16, 5.0 or HLMI at 190°C/21.6 kg) according ISO1133

Density (at 23°C) according ISO1183

For Technical Data Sheet and Material Safety Data Sheet contact by e-mail to: sales@socarpolymer.az



PE FOR PIPE EXTRUSION AND FILM APPLICATION

Market segment	Grade name	Type of polymer	MFR, g/10 min (190°C)	Density, g/cm ³	MWD	Notes
Flexible Packaging	HL 0853 BF	HDPE	8.0 (HLMI - 21.6 kg)	0.953	Bimodal	Very thin blown films, for high speed lines
	HL 1050 BF	HDPE	9.5 (HLMI - 21.6 kg)	0.950	Bimodal	Very thin blown films, for high speed lines
	HL 1053 BF	HDPE	10 (HLMI -21.6 kg)	0.953	Broad	Thin blown film
Pipes / Industrial	HM 2055 EX	HDPE	2.0 (5.0 kg)	0.955	Bimodal	Extrusion coating
	HM 0949 PE80	HDPE	0.85 (5.0 kg)	0.949	Broad	Black MDPE compound - PE-80 Pipes
	HM 0359 PE100	HDPE	0.3 (5.0 kg)	0.959	Bimodal	Black HDPE compound - PE-100 Pipes
	HM 0359 PE100RC	HDPE	0.3 (5.0 kg)	0.959	Bimodal	Black HDPE compound - PE-100RC Pipes

Test methods:

Melt Flow Rate (MFR at 190°C/2.16, 5.0 or HLMI at 190°C/21.6 kg) according ISO1133

Density (at 23°C) according ISO1183

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