



## **SOCAR POLYMER POLYPROPYLENE 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 Sumgayit 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 MISSION, VISION & GOALS

## MISSION

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

## VISION

- SOCAR Polymer's vision is to be an industry leader in the region and reinforce development of chemical industry of the country
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- To become competitive and create a sustainable competitive advantage businesses in the region.

## STRATEGY

- Tools: Implement best in class digital systems to enable competitive advantage
- Process: Apply Internationally recognized standards and processes to become industry leader
- People: Have highly competent and strategically-aligned people to run the competitive business





# SOCAR POLYPROPYLENE PORTFOLIO

SOCAR Polymer offers a range of polypropylene, including homopolymer, random and heterophasic copolymer grades with a wide range of applications in the areas of flexible and rigid packaging, and consumer products.





# SOLUTIONS FOR FILM EXTRUSION: BOPP & CAST FILMS

Market segment	Grade name	Type of polymer	MFR, g/10 min (230°C/2.16 kg)	Flexural Modulus, MPa	MWD	Notes
Flexible Packaging	HB0322BF	HOMO	3.0	1500	Broad	Metallized BOPP-film / CaStearate-free
	HB0910CF	HOMO	9.0	1500	Medium	cPP-film
	RB0910CF	RACO	9.0	1100	Medium	cPP-film
	RB0915CF	RACO	9.0	1100	Medium	cPP-film / anti-blocking and slip agent

## Test methods:

Melt Flow Rate (MFR at 230°C/2.16 kg) according ISO1133

Flexural Modulus according ISO 178

For Technical Data Sheet and Material Safety Data Sheet contact by e-mail to: [sales@socarpolymer.az](mailto:sales@socarpolymer.az)



# SOLUTIONS FOR FIBER EXTRUSION: RAFFIA, CONTINUOUS FILAMENTS & NONWOVEN FABRICS

Market segment	Grade name	Type of polymer	MFR, g/10 min (230°C/2.16 kg)	Flexural Modulus, MPa	MWD	Notes
Flexible Packaging	HB0256FR	HOMO	2.0	1450	Medium	High Load Raffia / Low Water Carry-Over
	HB0356FR	HOMO	3.0	1450	Medium	Standard Raffia / Low Water Carry-Over
	HB0456FR	HOMO	4.0	1450	Medium	High Speed Raffia Production / Low Water Carry-Over
	HB0556FR	HOMO	5.0	1450	Medium	
Textile	HB2552FC	HOMO	25	1300	Medium	CF / BCF, staple fibers / AGF
Nonwovens	HB2662FS	HOMO	26	1200	Very Narrow	Spunbond / AGF / Phthalate-free
	HB3662FS	HOMO	36	1200	Very Narrow	

## Test methods:

Melt Flow Rate (MFR at 230°C/2.16 kg) according ISO1133

Flexural Modulus according ISO 178

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# SOLUTIONS FOR MOLDING: GENERAL PURPOSE

Market segment	Grade name	Type of polymer	MFR, g/10 min (230°C/2.16 kg)	Flexural Modulus, MPa	MWD	Notes
Rigid Packaging / Caps & Closures	HB0200GP	HOMO	2.0	1450	Medium	Injection molding / Extrusion
	HB0300GP	HOMO	3.0	1450	Medium	Injection molding / Extrusion
	HB0900GP	HOMO	9.0	1450	Medium	Injection molding
	HB1200GP	HOMO	12	1450	Medium	Injection molding / Caps & Closures
	HB1800GP	HOMO	18	1450	Medium	Injection molding / Caps & Closures
	HB2500GP	HOMO	25	1450	Medium	Injection molding / Lamination
	HB3500MO	HOMO	35	1450	Medium	Injection molding / Compounding
	HB4500MO	HOMO	45	1450	Medium	Injection molding / TWIM / Compounding
	HB6500MO	HOMO	65	1450	Medium	Injection molding / TWIM / Compounding

## Test methods:

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Flexural Modulus according ISO 178

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# SOLUTIONS FOR MOLDING: INJECTION MOLDING & TWIM

Market segment	Grade name	Type of polymer	MFR, g/10 min (230°C/2.16 kg)	Flexural Modulus, MPa	MWD	Notes
Rigid Packaging / Caps & Closures	RB1248MO	RACO	11	1100	Medium	Injection molding / Clarified / Antistatic
	RB2648MO	RACO	25	1100	Medium	Injection molding / Clarified / Antistatic
	RB4545MO	RACO	45	1250	Medium	TWIM / Clarified / Antistatic / De-Molding
	CB1248MO	HECO	12	1200	Medium	Injection molding / Nucleated / Antistatic
	CB1640MO	HECO	16	1300	Medium	Injection molding / Nucleated
	CB2048MO	HECO	21	1300	Medium	Injection molding / Nucleated / Antistatic
	CB5080MO	HECO	50	1200	Medium	TWIM / Antistatic / Phthalate-free

## Test methods:

Melt Flow Rate (MFR at 230°C/2.16 kg) according ISO1133

Flexural Modulus according ISO 178

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