



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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Polypropylene

Purell RP270G (Blow Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	1.8
Flexural Modulus	D790	Mpa	1000
Notched Izod Impact@23°C	D256	J/m	120
Tensile Strength@Yield	D638	Mpa	27
Elongation@Yield	D638	%	13
Vicat Softening Point, 10N	D1525	°C	135
HDT(0.46N/mm ²)	D648	°C	78
Rockwell Hardness	D785	R.Scale	86
Oven Aging@150°C	D3012	Hours	360
Haze	D1003	%	32
Gloss	D523	Rating	65

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

Purell RP270G is a medium modified polypropylene random copolymer specially designed for blow moulding & sheet extrusion. Purell RP270G complies the European pharmacopeia. Purell RP270G offers excellent process ability in extrusion blow moulding & can be converted on form-fill-seal equipment. The Product is also suitable for the extrusion of film & sheets for thermoforming. Purell RP270G offers a good impact strength, good clarity & high chemical resistance. The main applications of this product are transparent bottles & containers for blood, intravenous solutions, pharmaceutical solutions, medicines & salves. Other applications are packaging for health care products (toothpaste, mouthwash & saline solutions), film & sheet for thermoforming.

* Purell RP270G is medical approved.