

## Kazanorgsintez 10803-020 High Pressure Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Film Grade

**Material Notes:**

Production Method: HDPE is produced by high pressure ethylene polymerization in tubular reactors. Application: Intended for production of bags, pipes, fittings, articles designed for food contact, toys, films and film articles, shaped-molded parts, etc. Information Provided by Kazanorgsintez

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kazanorgsintez-10803-020-High-Pressure-Polyethylene.php](http://www.lookpolymers.com/polymer_Kazanorgsintez-10803-020-High-Pressure-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.917 - 0.920 g/cc	0.0331 - 0.0332 lb/in <sup>3</sup>	
Environmental Stress Crack Resistance	>= 2.0 hour	>= 2.0 hour	
Melt Flow	2.0 g/10 min	2.0 g/10 min	Â±10% Superior Quality, Â±15% Premium Quality, 2nd Quality

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 9.30 MPa	>= 1350 psi	
Elongation at Break	>= 550 %	>= 550 %	
Tear Strength Test	>= 12.2	>= 12.2	MPa

Descriptive Properties	Value	Comments
Amount of impurities [pcs]	15	2nd Quality
	2	Superior Quality
	5	Premium Quality
Extractable Substance Weight Content (%)	0.9	Extra Class
	1.1	1st and 2nd Class

## Contact Songhan Plastic Technology Co.,Ltd.

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