



Yara Plast

Yara Plastic Novin Iranian

TECHNICAL DATA SHEET

Product Name : PG-100

Product Type : HDPE Compound for Pipe Grade

Product Grade: HDPE 100 BLACK

Product Description	Product Characteristics	Typical Application
. PG-100 is a high molecular weight HDPE with high melt viscosity for extrusion. This grade has a top quality for transportation pipes at high pressures or with thin wall.	. Good Processability . Excellent stress crack resistance properties . Excellent long term hydrostatic strength . UV stabilization	. Ducting . Irrigation . Water Supply . Drainage

Physical properties	MFI	Density	Oxidation Induction Time	Tensile Stress	Elongation at break	Notched Impact at 23°C	Hydrostatic Strength 80°C	Carbon Black Content
Test method	ISO 1133	ISO 1183	ISO 11357	ISO 527	ISO 527	ISO 527-1/2	ISO 787-2	ISO6964
Unit	gr/10 min.	g/cm ³	Min at 210 °C	MPa	%	mJ/mm ²	h	%
Value	0.2-0.4	0.946-0.948	>20	>20	>450	700-800	4500	>2

In writing the above laboratory test results were obtained from the measurements made in accordance with the standards. The decision will be appropriate to repeat the test users according to their own internal testing method. The results in this datasheet is established based on statistical average value. Products and features may vary by party.



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