



Yara Plast

Yara Plastic Novin Iranian

TECHNICAL DATA SHEET

Product Name : PG-50

Product Type : HDPE Compound for Pipe Grade

Product Grade: PIPE

Product Description	Product Characteristics	Typical Application
<p>. PG-50 is a high density polyethylene (HDPE) compound with high melt viscosity for extrusion. This grade has a top quality for transportation pipes at low pressures or with thin wall.</p>	<p>. Good Processability . Excellent stress crack resistance properties . Excellent long term hydrostatic strength . UV stabilization</p>	<p>. Ducting . Irrigation . Water Supply . Drainage</p>

Physical properties	MFI	Density	Oxidation Induction Time	Tensile Stress	Elongation at break	Notched Impact at 23°C	Carbon Black Content
Test method	ISO 1133	ISO 1183	ISO 11357	ISO 527	ISO 527	ISO 527-1/2	ISO6964
Unit	gr/10 min.	g/cm ³	Min at 210 °C	MPa	%	mJ/mm ²	%
Value	0.6-0.8	0.920-0.930	>10	>20	<350	19	>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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