

TECHNICAL DATA SHEET

Polypropylene PP PA18D

Description

PP PA18D it is belong to PP-R special material. It is hygienic, non-toxic, corrosion-resistant, heat-insulating, energy-saving and light-weight. It can withstand high temperature and high pressure, pipeline water temperature can reach up to 95°C. It also has a long service life, under the specified long-term continuous working pressure, the service life can reach more than 50 years.

Application direction

It is suitable for the production of hot and cold water pipes and direct drinking water pipes to ensure that the water quality is free from secondary pollution. And can be used to transport edible liquids in beverage factories and chemical liquids in chemical plants. It also can be used in the fields of heating on the wall, snow melting device for norther buildings, used be in tubes for solar heating and cooling devices. All kinds of external air conditioner pipes, agricultural sprinkler irrigation pipes, also very suitable for using this materials.

Product packaging

Packed in net weight of 25kg bag or others.

Typical Characteristic

ITEM	UNIT	INDEX	TEST VALUE	TEST METHOD
Appearance	--	Black granular	Black granular	SH/T 1541.1
Melt mass flow rate(MFR)	g/10min	0.22-0.30	0.26	GB/T 3682.1
Tensile yield stress	Mpa	>21.0	24.0	GB/T 1040.2
Flexural modulus(Ef)	Mpa	>600	669	GB/T 9341
Charpy notched impact strength (23°C)	KJ/m ²	≥40	68	GB/T 1043.1
Charpy notched impact strength (-20°C)	KJ/m ²	≥1.8	2.2	GB/T 1043.1
Yellow Index	--	≤2.0	1.4	HG/T 3682



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