

TECHNICAL DATA SHEET

Polypropylene PP-PA14D

TECHNICAL DATA SHEET

PP-PA14D

Product Polypropylene Resin PP-PA14D

HS code 39021000

Type PPR pipe, Co-Polymer

Print Date Oct 18th, 2020

www.chemdo.com

info@chemdo.com

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

PP- PA14D 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

In net weight of 25kg bag, 15.5-16MT in one 20fcl without pallet or 26-28MT in one 40HQ without pallet or 700kg jumbo bag, 28MT at most in one 40HQ without pallet.

Typical Characteristic

ITEM	UNIT	INDEX	RESULTS	TEST METHOD
Coloring	g/kg	≤10	0	SH/T 1541.1
Big/small pellet	g/kg	≤100	21.1	SH/T 1541.1
Yellow color Index	g/kg	≤10	0	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 strenth -20℃)	KJ/m2	≥ 1.8	2.2	GB/T 1043.1
Charpy notched impact strenth 23℃)	---	≤ 2.0	1.4	HG/T 3862



Copyright © Chemdo. All rights reserved. No part of this publication may be copied, downloaded, reproduced, stored in a retrieval system or transmitted in any form by any means, electronic, mechanical, photocopied, recorded or otherwise, without permission of the publisher. No representation or warranty is made as to the truth or accuracy of any data, information or opinions contained herein or as to their suitability for any purpose, condition or application. None of the data, information or opinions contained herein may be relied upon for any purpose or reason. Chemdo disclaims any liability, damages, losses or other consequences suffered or incurred in connection with the use of the data, information or opinions contained herein. In addition, nothing contained herein shall be construed as a recommendation to use any products in conflict with existing patents covering any material or its use.