

TECHNICAL DATA SHEET

Polypropylene PPB-M09(K8009)

Description

Polypropylene is a non-toxic, odorless, and tasteless milky white high crystalline polymer with a melting point of 164-170°C, A density of 0.90-0.91g/cm³, and a molecular weight of about 80,000-150,000. It is one of the lightest of all plastic varieties at present. It is particularly stable to water, and its water absorption rate in water for 24 hours is only 0.01%.

Application direction

It is mainly used for making washing machine internal and external parts, automotive interior parts, automotive modified materials and other products.

Product packaging

Packed in 25 kg or 700 kg bag.

Typical Characteristic

ITEM	UNIT	INDEX	TEST METHOD
Melt mass flow rate(MFR) Standard value	g/10min	30	GB/T3682.1-2018
Melt mass flow rate(MFR) Deviation value	g/10min	±4.0	GB/T3682.1-2018
Tensile yield stress	Mpa	≥22.0	GB/T1040.2-2006
Flexural modulus(Ef)	Mpa	≥1100	GB/T9341-2008
Charpy notched impact strength (23°C)	KJ/m ²	≥6.5	GB/T1043.1-2008
Heat deflection temperature under load(Tf0.45)	°C	≥90	GB/T1634.2-2019



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.