



# Technical Data Sheet

## JHMGC100S HDPE

### Features

JHMGC100S HDPE resin, independently developed and produced by PetroChina Jilin Petrochemical, utilizes Jilin Petrochemical's mature gas-phase polymerization process, precisely controlling the bimodal molecular weight distribution and comonomer ratio.

### Specifications

Item	Unit	Typical values
Melt Flow Rate	g/10min, 5kg	0.22
Density	g/cm <sup>3</sup>	0.950
Nominal tensile strain at break %		700
Tensile strength at yield	Mpa	22.8

### Excellent Performance

1. Superior pressure resistance and creep resistance, long and stable service life
2. Dual crack resistance, adaptable to complex and harsh working conditions
3. Corrosion and weather resistance, suitable for multi-media transportation
4. Excellent processing performance, suitable for large-diameter pipe production

### Applications

PE100 grade pipe material is used in the production of water supply, drainage pipes, natural gas pipes, and other high-strength pipes.

---

**CHEMATE TECHNOLOGY CO.,LTD**

Tel: 0086-371-60921621

Whatsapp/Wechat: +8618624832876

Web: [www.chemategroup.com](http://www.chemategroup.com)

Add: NO.80 PUHUI ROAD,ZHENGZHOU CITY,  
HENAN PROVINCE, CHINA