

# HD-52518

## HDPE for Injection Molding



شرکت پتروشیمی جم  
(سه‌پارس جام)

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Rev. 0

### Product Description

52518 is a HDPE copolymer for injection molding for application requiring a good balance between easy of processability and flowability and mechanical properties.

### Typical Application

Housewares, high fluidity

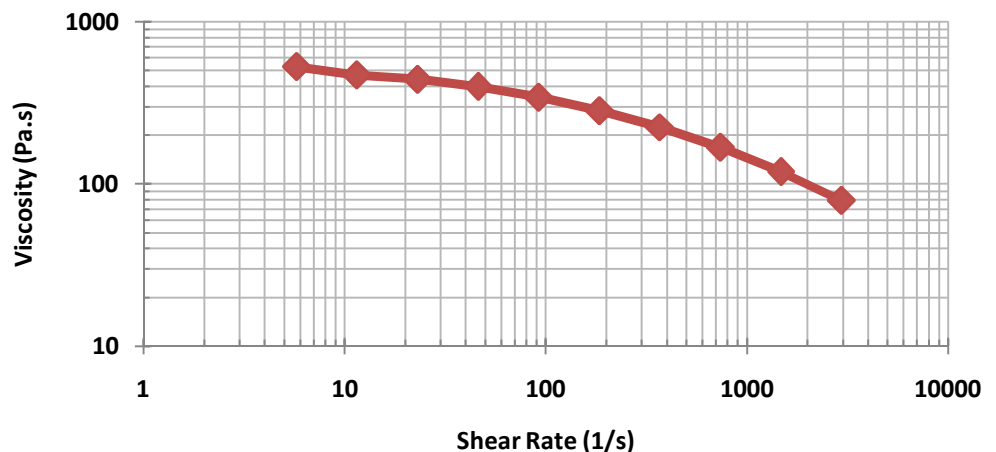
| Resin Properties            | Unit  | Value | Test Method |
|-----------------------------|-------|-------|-------------|
| Melt Index                  | g/10' | 18    | D1238       |
| Density                     | g/cc  | 0.952 | D1505       |
| Thermal Properties          | Unit  | Value | Test Method |
| Vicat Softening Point       | °C    | 122   | D1525       |
| Molded Properties           | Unit  | Value | Test Method |
| Flectural Modulus           | Mpa   | 1350  | D790        |
| Notched Izod Impact @ 23 °C | J/m   | 25    | D256/A      |

- On compression molded according to ASTM D1928C

### Processing Conditions

Recommended barrel tempratures rang between 190 °C and 280 °C

### Shear- Viscosity @ 190 °C



The technical information suggested uses and application presented are believed to be accurate and reliable, however JPC makes no warranties either express or implied concerning the information herein or the use of our materials.

### **Storage and Handling**

Polyethylene products (in pelletized or powder form) should not be stored in direct sunshine and/or heat radiation. The Storage area should be dry and preferably don't exceed 50 °C. JPC would not responsible about quality diminishing such as color change, bad smell or est. which caused by bad storage conditions. It is better to process PE resin within 6 months after delivery.

**Rev. 0**