

# Jam HDPE HM CRP 100 Orange-Yellow

High Density Polyethylene

Jam Petrochemical Company

## Message:

Jam HDPE HM CRP 100 Orange-Yellow is a High Density Polyethylene product. It is available in Africa & Middle East. Typical application: Plumbing/Piping/Potable Water.

| General Information                                       |                |                   |             |
|---|----------------|-------------------|-------------|
| Uses  | Piping         |                   |             |
| Appearance  | Orange         |                   |             |
| Physical  | Nominal Value  | Unit              | Test Method |
| Density   | 0.949 to 0.953 | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)                 | 5.2 to 7.2     | g/10 min          | ISO 1133    |
| Flow Rate Ratio <sup>1</sup>                              | 25.0 to 31.0   |                   |             |
| Hydrostatic Strength <sup>2</sup> (80°C)                  | 5000           | hr                | ISO 1167    |
| Impact  | Nominal Value  | Unit              | Test Method |
| Charpy Notched Impact Strength (23°C, Compression Molded) | > 24           | kJ/m <sup>2</sup> | ISO 179/1eA |
| NOTE  |                |                   |             |

1.

5/2.16, FRR values are statistical and calculated by dividing MFR values.

2.

4.5 N/mm<sup>2</sup>

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### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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