**PETROCHINA DAQING REFINING AND CHEMICAL COMPANY**

# TECHNICAL DATA SHEET

Product Name: RANDOM COPOLYMER POLYPROPYLENE PIPE PA14D

Material Attribute: Pipe Grade

Appliacation: Hot and cold water pipe

**PROPERTIES:**

| ITEM | UNIT | QUALITY INDEX | TYPICAL VALUE | METHOD |
|---|---|---|---|---|
| Black Granule | / kg | 0 | 0 | SH/T 1541.1 |
| Colour Granule | / kg | < 10 | 1 | SH/T 1541.1 |
| Large & Small Particles | g/ kg | < 15 | 8 | SH/T 1541.1 |
| Melt Mass-Flow Rate (MFR) | g/10min | 0.20-0.35 | 0.25 | SH/T 1541 |
| Flexural Modulus | MPa | > 600 | 688 | GB/T 9341 |
| Tensile Stress at Yield | MPa | > 21.0 | 23.6 | GB/T 1040.2 |
| Charpy Impact Strength/ （kJ/㎡） | 23℃ | ≥31 | 49 | GB/T 1043.1 |
| | -20℃ | ≥1.5 | 2.2 | |
| Yellow Index | | ≤4 | -3.0 | HG/T 3862 |

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