

Petrochina Lanzhou Petrochemical company

Product quality inspection sheet

| Analysis project | Qualitative index | measured results |
|--------------------------------------------------------------------------|-------------------|------------------|
| Volatile matter, % (mass fraction) | ≤ 0.5 | 0.18 |
| Ash, % (mass fraction) | ≤ 0.75 | 0.68 |
| Binding acrylonitrile, % (mass fraction) | 32.5-34.5 | 33 |
| Mooney viscosity, ML (1+4) 100°C | 75-85 | 81 |
| 300% constant elongation stress (145°C, 5min 1 style, speed 500/min), Np | 10.4-14.4 | 12.4 |
| Tensile strength (145°C, 50min 1 style, speed 500mm/min), Mpa | ≥ 26.4 | 26.9 |
| Elongation at break (145°C, min 1 style, speed 500mm/min), % | ≥ 790 | 508 |

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| test method |
| GB/T 24131-2009 |
| GB/T 4498.1-2013 |
| SH/T 1157.2-2015 |
| GB/T 1232.1-2000 |
| SH/T 1611-2004/GB/T528-2009 |
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