

Polyisobutylene / Tetrax

Polyisobutylene is composed of long-chain hydrocarbon formed by polymerization of isobutene and is extremely stable under normal conditions.

It is transparent non-noxious high-consistency semi-solid polymer free of impurities.

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| Packaging | Carton box (20 kg) |
| Main Application | Sealants, Adhesives, Electrical insulation materials, Rubber, Wax, Asphalt improvement compound |

Table Grades and Typical Properties of TETRAX

| 項目 ITEM | グレード GRADE | 3T | 4T | 5T | 5.5T | 6T | 試験法 Test Method |
|---|------------|---------------------------------------|--------|-------------------------|--------|--------|----------------------|
| 粘度平均分子量 [Mv] Viscosity average molecular weight | | 32,000 | 42,000 | 51,000 | 54,000 | 59,000 | JXE法*1 JXE method |
| 密度 (15°C g/cm ³) Density | | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | JIS K-2249 |
| 屈折率 (N ²⁰ /D) Refractive Index | | 1.508 | 1.508 | 1.508 | 1,508 | 1.508 | JIS C-2101 |
| 外観 Apperance | | 透明異物ナシ Clear from suspended matter | | | | | JIS C-2101 |
| 蒸発減量 (mass%) Loss by evaporation 2mmHg×230°C×30min | | 0.5mass%以下 | | not more than 0.5 mass% | | | JXE法*1 JXE method |
| 動粘度 (at200°C) (mm ² /s) Kinematic Viscosity | | 6,500 | 16,500 | 30,500 | 38,000 | 50,500 | |
| G.P.C (Mw) | | 41,000 | 53,000 | 65,000 | 69,000 | 75,000 | |

* 1 JXE法 : ENEOS Internal Test Method

* 2 FCC法(FDA) : Food Chemicals Codex Method (Food and Drug Administration)