



TECHNICAL DATA SHEET

Product Name: PA6
Product Grade: BL1340

Product Description:

PA6 BL1304 is a white plastic granule whose monomer is caprolactam, which is polymerized from caprolactam.

Physical Properties:

| Item | Unit | Standard |
|---|-------------------|---------------------------|
| APPEARANCE | | White translucent granule |
| RELATIVE VISCOSITY | | 3.3 ± 0.05 |
| EXTRACTABLES | % | ≤ 0.6 |
| MOISTURE | w/% | ≤ 0.06 |
| YELLOW SLICES | Capsules/5g | ≤ 0 |
| RELATIVE DENSITY | | 1.12-1.15 |
| MELT INDEX | g/10min | 5.7-6.8 |
| TENSILE STRENGTH | Mpa | 65-75 |
| ELONGATION AT BREAK | % | 100-160 |
| BENDING MODULUS | Mpa | 2150-2600 |
| CANTILEVER BEAM NOTCHED IMPACT STRENGTH | KJ/m ² | 6.5-9.0 |

Typical Applications:

PA6 BL1340 is used as film, monofilament and tubes, with high strength, good transparency, high flexibility, good molding stability and high flame retardant grade.

Manufacturer:

Sinopec Baling Petrochemical Co., Ltd.