



PNBR 2645, PNBR 2655, PNBR 2665

Powder acrylonitrile-butadiene rubber

- ▶ The powder nitrile rubber is produced by milling of NBR rubber bales using special equipment, a particle size is less than 1 mm; PVC is used as an antiagglomerator.
- ▶ Product characteristics: appearance – white powder; packing - packed in cardboard boxes; weight of a cardboard box - $25,0 \pm 0,5$ кг;
- ▶ Shelf life is 6 month since the date of manufacture. Storage conditions: at the temperature not higher than 30 °C, in place protected from direct sunlight and atmospheric precipitation.
- ▶ Package: cardboard box 0,3 mt.

| <i>Parameter</i> | <i>PNBR 2645</i> | <i>PNBR 2655</i> | <i>PNBR 2665</i> | <i>Test method</i> |
|-------------------------------------------------------------------------|------------------|------------------|------------------|--------------------|
| Mooney viscosity MML 1+4 (100 °C) raw rubber before grinding | 40-49 | 50-60 | 61-70 | ASTM D 1646 |
| Acrylonitrile content (initial polymer)) raw rubber before grinding, % | 27-30 | 27-30 | 27-30 | Method of supplier |
| Volatile matter content, wt % | ≤ 0,8 | ≤ 0,8 | ≤ 0,8 | ASTM D 5668 |
| Antiagglomerate PVC, % | 6-12 | 6-12 | 6-12 | Method of supplier |
| The size of particles is less than 1,0 mm, % | ≥ 99 | ≥ 99 | ≥ 99 | Method of supplier |
| Antioxidant type | non staining | | | |