

**KPB 75-131 (168AT51-168AT52-168AT53)**

Application and description: This product is used as highly transparent shampoo bottle. The formula is designed based on efficient and effective impact modifiers which provides wide range of applications for this grade. Moreover, the grade offers high thermal stability as well as rigidity.

Packaging: 25 kg laminated polypropylene bags

Storage: dry place, away from the sun, temperature below 30°C

Among all grade mentioned, **168AT53** demonstrate the highest impact resistancy.



| Properties | Unit | Amount | Standard |
|--|-----------|------------------|---------------|
| Density | gr/cm^3 | 1.31 ± 0.01 | ASTM D 792 |
| Hardness at 15 second | Shore "D" | 75 ± 2 | ASTM D 2240 |
| Thermal stability at 200°C | Minute | 60 min | VDE 0472 |
| Mechanical properties Tensile Elongation | MPa % | 20 ± 1 20 | IEC 60811-1-1 |

Temperature profile:

The recommended temperature settings for the extruder with L/D around 22-24 are as follows :

| | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Head | Die |
|-----------|---------|---------|---------|---------|---------|---------|
| Temp (°C) | 140-160 | 150-170 | 160-180 | 170-190 | 160-180 | 180-195 |

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