

## TECHNICAL DATA SHEET

### Penetration Bitumen 10/20

**Note:** PUB-LTD Penetration Bitumen is pure petroleum product. It manufactured from vacuum bottom by passing hot air. Furthermore, penetration between 10~20 desi-millimeter and softening point between 65~75C. It has a thermoplastic property which is like as synthetic resin material which gets softer with heating and hardens when cooled.

| No | Specification   | Result          | Test Method      |
|----|---|-----------------|------------------|
| 1  | Specific Gravity @25/25C  | 1.01-1.06       | D-70             |
| 2  | Penetration @25C  | 10-20           | D-5              |
| 3  | Softening Point C   | 65-75           | D-36             |
| 4  | Ductility @25C  | 5 Min           | D-113            |
| 5  | Loss On Heating (Wt)%   | 0.5 Max         | D-6              |
| 6  | Drop In Penetration After Heating %   | 25 Max          | D-6 & D-5        |
| 7  | Flash Point C   | 250 Min         | D-92             |
| 8  | Solubility in CS <sub>2</sub> (Wt)%<br>O.M. Insoluble in CS <sub>2</sub> (WT) % | 99 Min<br>1 Max | D-4              |
| 9  | Spot Test   | -               | *A.A.S.H.O.T.102 |

