

Lasenic® PU Properties Data Sheet

① Raw material description

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|------------------------|--|--------------------------|-----|
| Standard Grade: | Extrusion grade | Appearance color: | --- |
| Application: | Processing material, rod, sheet, tube. Mainly used for coating materials (hose, gasket, tyre, roller, gear, protector of pipe), insulation, shoe sole, solid tyre. | | |
| Remarks: | With excellent tensile strength, tearing strength, impact resistance, abrasion resistance, weatherability, hydrolysis resistance, oil resistance, non-pollution, non-toxic, tasteless. | | |

② Raw material technical datasheet

| Materials | Hardness | 100% stress at definite elongation | 300% stress at definite elongation | Tensile strength | Elongation at break | Tearing strength | Tension set |
|-----------------------|-----------|------------------------------------|------------------------------------|------------------|---------------------|------------------|-------------|
| | (Shore A) | (MPa) | (MPa) | (MPa) | (%) | (KN/m) | (%) |
| A grade Normal rod | 86 | 4.7 | 7.3 | 21 | 551 | 43.8 | 10 |
| B grade Normal rod | 84 | 5.1 | 11.8 | 15.5 | 355 | 36.5 | 2 |
| Normal sheet material | 82 | 3.8 | 5.2 | 13.3 | 640 | 36.9 | 15 |
| Special materials | 92 | 8.6 | 12.7 | 24.6 | 480 | 47.2 | 7 |
| Import material | 92 | 7.9 | 12.2 | 34.5 | 460 | 63.2 | 5 |

NOTE: $1 \text{ g/cm}^3 = 1,000 \text{ kg/m}^3$, $1 \text{ Mpa} = 1 \text{ N/mm}^2$, $1 \text{ kV/mm} = 1 \text{ MV/m}$

Statement:

NOTE: The information contained herein are typical values intended for reference and comparison purposes only. They should NOT be used as a basis for design specifications or quality control. Quanda will not provide any legally binding guarantee of certain properties, or any suitability.