

Features

- Softness、 Elastic material
- Impact resistance
- Good vibration damping performance
- High reusability
- Heat resistance
- Mildew resistance and water resistance

Application

- Seal washers
- Automobile vibration damping parts and buffer isolation
- Soft protectors
- Sports insoles
- Scenes requiring high surface ductility

Specification

Physical Properties	Test Method	Metric
Bulk Density	ASTM D1505	0.457g/cm ³
Part bed powder density	ASTM D1895	0.6g/cm ³
Part Color	Visual	White
Part Density	ISO 1183	1.2 g/cm
Water Absorption	23°C, 24h,	< 0.5%
Shore Hardness A	ISO 868	88
Flexural Modulus 20°C	ISO 6721-1	72 MPa
Flexural Modulus 60°C	ISO 6721-1	27 MPa
Tensile Strenght (x-direction)	DIN 53504	20 MPa
Elongation (x-direction)	DIN 53504	267%
Abrasion Resistance	ISO 4649	31 mm
Compression Stength (x-direction)	ISO 604	33 MPa
Compression Modulus(x-direction)	ISO 604	15 MPa
Vicat-softening Temperature VST A	ISO 306	90°C
Melting Temperature	ISO 11357	160°C
Powder Properties X10	Laser diff	20 μm
Powder Properties X50	Laser diff	50 μm
Powder Properties X90	Laser diff	105 μm

Note: 1. The above parameters based on specified test method and heating energy might not be achieved with different conditions.

2. 15% deviation of test result might happen on different testing platform.

3. The above data are subject to update without prior notice.



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